

## Technical Information

STG700 SmartLine Gauge Pressure  
Specification 34-ST-03-102, December 2025**Introduction**

Part of the SmartLine® family of products, the STG700 and STG70L are suitable for monitoring, control and data acquisition featuring piezoresistive sensor technology combining pressure sensing with on chip temperature compensation capabilities providing high accuracy, stability and performance over a wide range of application pressures and temperatures. The SmartLine family is also fully tested and compliant with Experion® PKS providing the highest level of compatibility assurance and integration capabilities. SmartLine easily meets the most demanding application needs for pressure measurement applications.

**Best in Class Features:**

- Accuracies up to 0.055% of span standard & 0.04% of span optional.
- Stability up to 0.02% of URL per year for 10 years.
- Automatic temperature compensation.
- Rangeability up to 100:1.
- Response times as fast as 100ms.
- Multiple local display capabilities.
- External zero, span, & configuration capability.
- Polarity insensitive electrical connections.
- Comprehensive on-board diagnostic capabilities.
- Integral Dual Seal design for safety based on ANSI/NFPA 70-202 and ANSI/ISA 12.27.0.
- Full compliance to SIL 2/3 requirements as a standard.
- Modular design characteristics.
- Available additional with 4-year warranty.
- Supports NAMUR NE-107 Extended Diagnostics (HART).



**Figure 1 – STG700 Gauge Pressure Transmitters feature field-proven piezoresistive sensor technology**

**Communications/Output Options:**

- Honeywell Digitally Enhanced (DE)
- HART® (version 7.0)

All transmitters are available with the above listed communications protocols.

**Span & Range Limits:**

| Model         | URL<br>psi (bar) | LRL<br>psi (bar) | Min Span<br>psi (bar) |
|---------------|------------------|------------------|-----------------------|
| STG730/STG73L | 50 (3.5)         | -14.7 (-1.0)     | 0.5 (0.035)           |
| STG740/STG74L | 500 (35)         | -14.7 (-1.0)     | 5 (.35)               |
| STG770/STG77L | 3000 (210)       | -14.7 (-1.0)     | 30 (2.1)              |
| STG78L        | 6000 (420)       | -14.7 (-1.0)     | 60 (2.06)             |
| STG79L        | 10000 (690)      | -14.7 (-1.0)     | 100 (6.9)             |

## Description

The SmartLine family pressure transmitters are designed around a high performance piezo-resistive sensor. This one sensor actually integrates multiple sensors linking process pressure measurement with on-board static pressure (DP Models) and temperature compensation measurements. This level of performance allows the ST 700 to replace most competitive transmitters available today.

## Unique Indication/Display Option

The ST 700 modular design accommodates a standard alphanumeric LCD display or a unique advanced graphics LCD display with many unparalleled features.

### Standard LCD Display Features

- Modular (may be added or removed in the field).
- Supports HART protocol variant.
- 0, 90, 180, and 270 degree position adjustments.
- Four configurable screens.
- Standard and custom measurement units available.
- Display calculated flow (square root) value in addition to analog output signal.
- 2 Lines 6 digits PV (9.95H x 4.20W mm) 8 Characters.
- Write protect Indication.
- Built-in Basic Device Configuration through Internal or External Buttons – Range/Engineering Unit/Loop Test /Loop Calibration/Zero /Span Setting.
- Multiple language capabilities (EN, RU, and UK).

### Advanced Graphics LCD Display Features

- Modular (may be added or removed in the field).
- 0, 90, 180, & 270-degree position adjustments.
- Standard and custom measurement units available.
- Up to eight display screens with 3 formats are possible.
- Large PV with Bar Graph or PV with Trend Graph.
- Configurable screen rotation timing (1 to 30 sec).
- Display Square Root capabilities may be set separately from the 4-20mA output signal.
- Unique “Health Watch” indication provides instant visibility of diagnostics.
- Multiple language capability (EN, DE, FR, IT, ES, RU, UK, TR, CN, and JP).

## Diagnostics

SmartLine transmitters all offer digitally accessible diagnostics which aid in providing advanced warning of possible failure events minimizing unplanned shutdowns, providing lower overall operational costs.

## System Integration

- SmartLine communications protocols all meet the most current published standards for HART/DE.
- Integration with Honeywell's Experion PKS offers the following unique advantages:
  - Tamper reporting.
  - FDM Plant Area Views with Health summaries.
  - All ST 700 units are Experion tested to provide the highest level of compatibility assurance.

## Configuration Tools

### Integral Three Button Configuration Option

Suitable for all electrical and environmental requirements, SmartLine offer the ability to configure the transmitter and display via three externally accessible buttons when either display option is selected. Zero/span capabilities are also optionally available via these buttons with or without selection of a display option.

### Handheld Configuration

SmartLine transmitters feature two-way communication and configuration capability between the operator and the transmitter. All Honeywell transmitters are designed and tested for compliance with the offered communication protocols and are designed to operate with any standards compliant handheld configuration device, such as the Honeywell Versatilis Configurator.

### Personal Computer Configuration

On a personal computer or laptop, Honeywell Field Device Manager (FDM) Software and FDM Express can be used for managing HART device configuration.

## Modular Design

To help contain maintenance & inventory costs, all ST 700 transmitters are modular in design supporting the user's ability to replace meter bodies, add indicators or change electronic modules without affecting overall performance or approval body certifications. Each meter body is uniquely characterized to provide in-tolerance performance over a wide range of application variations in temperature and pressure and due to the Honeywell advanced interface, electronic modules may be swapped with any electronics module without losing in-tolerance performance characteristics.

**Modular Features**

- Meter body replacement
- Exchange/replace electronics/comms modules\*
- Add or remove integral indicator\*
- Add or remove lightning protection (terminal connection)\*

\* Field replaceable in all electrical environments (including IS) except flameproof without violating agency approvals.

With no performance effects, Honeywell's unique modularity results in **lower inventory needs and lower overall operating costs.**

**Performance Specifications**

**Reference Accuracy:** (conformance to +/-3 Sigma)

**Table 1**

|                   | Model  | URL                    | LRL                  | Min Span            | Maximum<br>Turndown<br>Ratio | Stability<br>(% URL/Year<br>for 10 years) | Reference<br>Accuracy <sup>1,2</sup><br>(% Span)<br>Standard/<br>option |
|-------------------|--------|------------------------|----------------------|---------------------|------------------------------|-------------------------------------------|-------------------------------------------------------------------------|
| Standard Accuracy | STG730 | 50 psi (3.5 bar)       | -14.7 psi (-1.0 bar) | 0.5 psi (0.035 bar) | 100:1                        | 0.02                                      | 0.055 /<br>0.040                                                        |
|                   | STG73L | 50 psi (3.5 bar)       | -14.7 psi (-1.0 bar) | 0.5 psi (0.035 bar) |                              |                                           |                                                                         |
|                   | STG740 | 500 psi (35 bar)       | -14.7 psi (-1.0 bar) | 5 psi (0.35 bar)    |                              |                                           |                                                                         |
|                   | STG74L | 500 psi (35 bar)       | -14.7 psi (-1.0 bar) | 5 psi (0.35 bar)    |                              | 0.015                                     |                                                                         |
|                   | STG770 | 3000 psi (210 bar)     | -14.7 psi (-1.0 bar) | 30 psi (2.1 bar)    |                              | 0.02                                      |                                                                         |
|                   | STG77L | 3000 psi (210 bar)     | -14.7 psi (-1.0 bar) | 30 psi (2.1 bar)    |                              |                                           |                                                                         |
|                   | STG78L | 6000 psi (420 bar)     | -14.7 psi (-1.0 bar) | 60 psi (4.2 bar)    |                              |                                           |                                                                         |
|                   | STG79L | 10000 psi<br>(690 bar) | -14.7 psi (-1.0 bar) | 100 (6.9 bar)       |                              |                                           |                                                                         |

Zero and span may be set anywhere within the listed (URL/LRL) range limits

**Accuracy, Span and Temperature Effect:** (Conformance to +/-3 Sigma)

**Table 2**

|                                                                                                                          |        |                     | Accuracy <sup>1,2</sup> (% of Span) |       |       |                   | Combined Zero & Span temperature Effect (% Span/28°C (50°F))             |       |
|--------------------------------------------------------------------------------------------------------------------------|--------|---------------------|-------------------------------------|-------|-------|-------------------|--------------------------------------------------------------------------|-------|
|                                                                                                                          | Model  | URL                 | Reference Turndown                  | A     | B     | C (see URL units) | D                                                                        | E     |
| Standard Accuracy                                                                                                        | STG730 | 50 psi (3.5 bar)    | 25:1                                | 0.005 | 0.050 | 2 (0.14)          | 0.060                                                                    | 0.005 |
|                                                                                                                          | STG73L | 50 psi (3.5 bar)    | 12.5:1                              |       |       | 4 (0.28)          |                                                                          | 0.010 |
|                                                                                                                          | STG740 | 500 psi (35 bar)    | 35:1                                |       |       | 14.5 (1.0)        | 0.050                                                                    | 0.007 |
|                                                                                                                          | STG74L | 500 psi (35 bar)    | 35:1                                |       |       | 14.5 (1.0)        |                                                                          | 0.010 |
|                                                                                                                          | STG770 | 3000 psi (210 bar)  | 10:1                                |       |       | 300 (21)          |                                                                          | 0.010 |
|                                                                                                                          | STG77L | 3000 psi (210 bar)  | 8.5:1                               |       |       | 350 (24.7)        |                                                                          | 0.015 |
|                                                                                                                          | STG78L | 6000 psi (420 bar)  | 12:1                                |       |       | 500 (35)          |                                                                          | 0.050 |
|                                                                                                                          | STG79L | 10000 psi (690 bar) | 10:1                                | 0.025 | 0.040 | 1000 (69)         | 0.150                                                                    | 0.100 |
| High Accuracy Option                                                                                                     | STG730 | 50 psi (3.5 bar)    | 25:1                                | 0.005 | 0.035 | 2 (0.14)          | 0.060                                                                    | 0.005 |
|                                                                                                                          | STG73L | 50 psi (3.5 bar)    | 12.5:1                              |       |       | 4 (0.28)          |                                                                          | 0.010 |
|                                                                                                                          | STG740 | 500 psi (35 bar)    | 35:1                                |       |       | 14.5 (1.0)        | 0.050                                                                    | 0.007 |
|                                                                                                                          | STG74L | 500 psi (35 bar)    | 35:1                                |       |       | 14.5 (1.0)        |                                                                          | 0.010 |
|                                                                                                                          | STG770 | 3000 psi (210 bar)  | 10:1                                |       |       | 300 (21)          |                                                                          | 0.010 |
|                                                                                                                          | STG77L | 3000 psi (210 bar)  | 8.5:1                               |       |       | 350 (24.7)        |                                                                          | 0.015 |
|                                                                                                                          | STG78L | 6000 psi (420 bar)  | 12:1                                |       |       | 500 (35)          |                                                                          | 0.050 |
|                                                                                                                          |        |                     |                                     |       |       |                   |                                                                          |       |
| Turn Down Effect                                                                                                         |        |                     |                                     |       |       |                   | Temp Effect                                                              |       |
| $\pm [A + B] \text{ if Span} \geq C$ $\pm \left[ A + B \left( \frac{C}{\text{Span}} \right) \right] \text{ if Span} < C$ |        |                     |                                     |       |       |                   | $\pm \left[ D + E \left( \frac{\text{URL}}{\text{Span}} \right) \right]$ |       |

**Total Performance (% of Span):**

**Total Performance Calculation:**  $= \pm \sqrt{(\text{Accuracy})^2 + (\text{Temperature Effect})^2}$

**Total Performance Examples (for comparison):** standard accuracy 5:1 Turndown, +/-50°F (28°C) shift

**STG730 @ 100 psi:** 0.101% of span

**STG73L @ 100 psi:** 0.123% of span

**STG740 @ 100 psi:** 0.101% of span

**STG74L @ 100 psi:** 0.114% of span

**STG770 @ 600 psi:** 0.074% of span

**STG77L @ 600 psi:** 0.137% of span

**STG78L @ 1200 psi:** 0.305% of span

**STG79L @ 2000 psi:** 0.653% of span

**Typical Calibration Frequency:**

Calibration verification is recommended every two (2) years

**Notes:**

1. Terminal Based Accuracy - Includes combined effects of linearity, hysteresis, and repeatability. Analog output adds 0.005% of span.
2. For zero based spans and reference conditions of: 25°C (77°F) for LRV >= 0 psia, 10 to 55% RH, and 316 Stainless Steel barrier diaphragm.
3. STG79L available with 10,150psi (700 bar) special, E = 0.037, F = 0.008. Please contact your sales representative.

**Operating Conditions – All Models**

| Parameter                                                                                                                                                                                                  | Reference Condition                                                                                                                                                                                                 |      | Rated Condition |            | Operative Limits                                                                                                                                |            | Transportation and Storage |            |                        |                             |                   |         |                  |                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------|------------|------------------------|-----------------------------|-------------------|---------|------------------|----------------------|
|                                                                                                                                                                                                            | °C                                                                                                                                                                                                                  | °F   | °C              | °F         | °C                                                                                                                                              | °F         | °C                         | °F         |                        |                             |                   |         |                  |                      |
| Ambient Temperature <sup>1</sup>                                                                                                                                                                           | 25±1                                                                                                                                                                                                                | 77±2 | -40 to 85       | -40 to 185 | -40 to 85                                                                                                                                       | -40 to 185 | -55 to 120                 | -67 to 248 |                        |                             |                   |         |                  |                      |
| Meter Body Temperature <sup>2</sup>                                                                                                                                                                        | 25±1                                                                                                                                                                                                                | 77±2 | -40 to 110      | -40 to 230 | -40 to 125                                                                                                                                      | -40 to 257 | -55 to 120                 | -67 to 248 |                        |                             |                   |         |                  |                      |
| Humidity %RH                                                                                                                                                                                               | 10 to 55                                                                                                                                                                                                            |      | 0 to 100        |            | 0 to 100                                                                                                                                        |            | 0 to 100                   |            |                        |                             |                   |         |                  |                      |
| Vac. Region – Min. Pressure<br>mmHg absolute<br>inH <sub>2</sub> O absolute                                                                                                                                | Atmospheric<br>Atmospheric                                                                                                                                                                                          |      | 25<br>13        |            | 2 (short term ) <sup>3</sup><br>1 (short term ) <sup>3</sup>                                                                                    |            |                            |            |                        |                             |                   |         |                  |                      |
| Supply Voltage<br>Load Resistance                                                                                                                                                                          | HART: 10.8 to 42.4 VDC at terminals (IS versions limited to 30 VDC), 0 to 1,440 ohms<br>DE: 15 to 49.3VDC at terminals (IS versions limited to 30VDC), 0 to 1,200 ohms<br>(as shown in Figure 2)                    |      |                 |            |                                                                                                                                                 |            |                            |            |                        |                             |                   |         |                  |                      |
| Maximum Allowable Working Pressure (MAWP) <sup>4</sup><br><br>(ST700 products are rated to Maximum Allowable Working Pressure. MAWP depends on Approval Agency and transmitter materials of construction.) | STG730: 50 psi (3.5 bar)<br>STG740: 500 psi (35 bar)<br>STG770: 3000 psi (210 bar )                                                                                                                                 |      |                 |            | STG73L: 50 psi (3.5 bar)<br>STG74L: 500 psi (35 bar)<br>STG77L: 3000 psi (210 bar)<br>STG78L: 6000 psi (420 bar)<br>STG79L: 10000 psi (690 bar) |            |                            |            |                        |                             |                   |         |                  |                      |
| Over Pressure                                                                                                                                                                                              | 1.5 x MAWP of respective model                                                                                                                                                                                      |      |                 |            |                                                                                                                                                 |            |                            |            |                        |                             |                   |         |                  |                      |
| No-Burst Pressure                                                                                                                                                                                          | <table><tr><td>Transmitter MAWP (psi)</td><td>Minimum ‘no-burst pressure’</td></tr><tr><td>MAWP &lt;= 2,000 psi</td><td>3x MAWP</td></tr><tr><td>MAWP &gt; 2,000 psi</td><td>2.5x MAWP + 1000 psi</td></tr></table> |      |                 |            |                                                                                                                                                 |            |                            |            | Transmitter MAWP (psi) | Minimum ‘no-burst pressure’ | MAWP <= 2,000 psi | 3x MAWP | MAWP > 2,000 psi | 2.5x MAWP + 1000 psi |
| Transmitter MAWP (psi)                                                                                                                                                                                     | Minimum ‘no-burst pressure’                                                                                                                                                                                         |      |                 |            |                                                                                                                                                 |            |                            |            |                        |                             |                   |         |                  |                      |
| MAWP <= 2,000 psi                                                                                                                                                                                          | 3x MAWP                                                                                                                                                                                                             |      |                 |            |                                                                                                                                                 |            |                            |            |                        |                             |                   |         |                  |                      |
| MAWP > 2,000 psi                                                                                                                                                                                           | 2.5x MAWP + 1000 psi                                                                                                                                                                                                |      |                 |            |                                                                                                                                                 |            |                            |            |                        |                             |                   |         |                  |                      |

<sup>1</sup> LCD display ambient temperature: -30°C to +70°C. LCD display storage temperature: -30°C to +80°C. The display will be slower and may become unreadable as the ambient temperature drops below -20°C to -30°C. It will return to normal functionality once the ambient temperature rises above -20°C.

<sup>2</sup> Silicone 704 minimum temperature rating is 0°C (32°F). CTFE minimum temperature rating is -40°C (-40°F). NEOBEE® M-20 minimum temperature rating is -15°C (5°F). NEOBEE® is a registered trademark of Stepan Company.

<sup>3</sup> Short term equals 2 hours at 70°C (158°F).

<sup>4</sup> Consult the factory for MAWP of ST 700 transmitters with CRN approval.

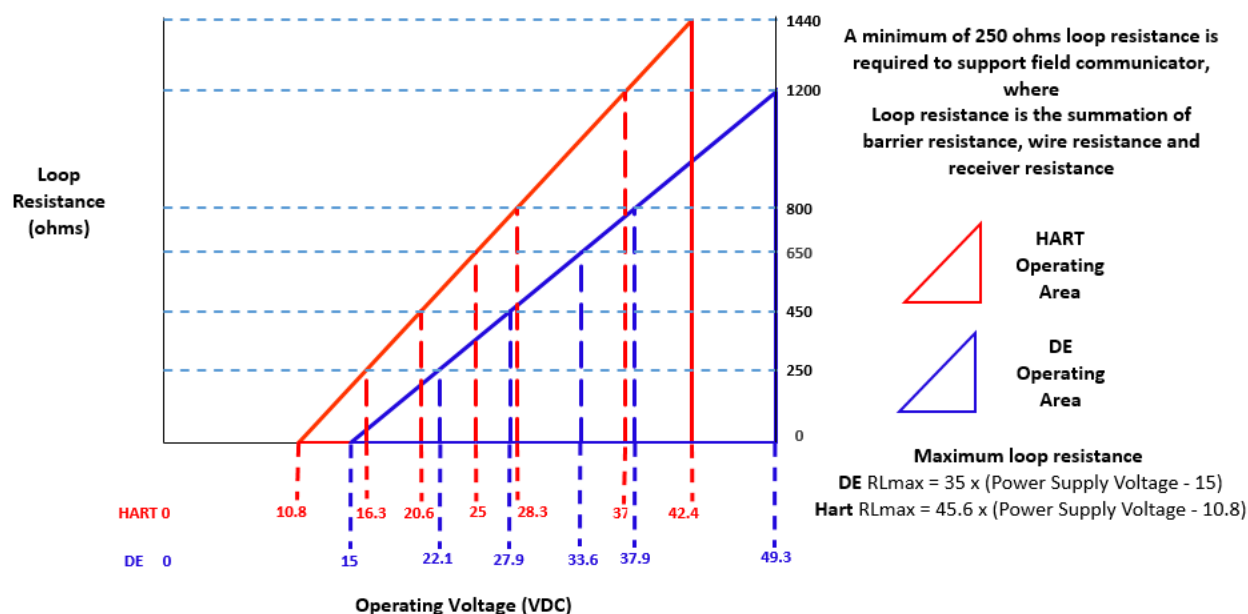


Figure 2 - Supply voltage and loop resistance chart &amp; calculations

### Performance Under Rated Conditions – All Models

| Parameter                                                                                                                            | Description                                                                                                                                                                             |                        |                        |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|
| Analog Output<br>Digital Communications:                                                                                             | Two-wire, 4 to 20 mA (HART & DE Transmitters only)<br>Honeywell DE, HART 7 protocol<br>All transmitters, irrespective of protocol have polarity insensitive connection.                 |                        |                        |
| HART & DE Output Failure Modes<br>(NAMUR for DE Units requires selecting display and configuration buttons or factory configuration) |                                                                                                                                                                                         | Honeywell Standard     | NAMUR NE 43 Compliance |
|                                                                                                                                      | Normal Limits:                                                                                                                                                                          | 3.8 – 20.8 mA          | 3.8 – 20.5 mA          |
|                                                                                                                                      | Failure Mode:                                                                                                                                                                           | ≤ 3.6 mA and ≥ 21.0 mA | ≤ 3.6 mA and ≥ 21.0 mA |
| Supply Voltage Effect                                                                                                                | 0.005% span per volt.                                                                                                                                                                   |                        |                        |
| Transmitter Turn on Time (includes power up & test algorithms)                                                                       | HART or DE: 2.5 seconds                                                                                                                                                                 |                        |                        |
| Response Time (delay + time constant)                                                                                                | <u>DE/HART Protocol</u><br>100ms                                                                                                                                                        |                        |                        |
| Damping Time Constant                                                                                                                | HART: Adjustable from 0 to 32 seconds in 0.1 increments. Default Value: 0.5 seconds<br>DE: Discrete values 0, 0.16, 0.32, 0.48, 1, 2, 4, 8, 16, 32 seconds. Default Value: 0.48 seconds |                        |                        |
| Vibration Effect:                                                                                                                    | Less than +/- 0.1% of URL w/o damping<br>Per IEC60770-1 field or pipeline, high vibration level (10-2000Hz: 0.21 displacement/3g max acceleration)                                      |                        |                        |
| Electromagnetic Compatibility                                                                                                        | IEC 61326-3-1                                                                                                                                                                           |                        |                        |
| Lightning Protection Option                                                                                                          | Leakage Current: 10uA max @ 42.4VDC 93C<br>Impulse rating:<br>8/20us 5000A (>10 strikes) 10000A (1 strike min.)<br>10/1000us 200A (> 300 strikes)                                       |                        |                        |

**Materials Specifications** (see model selection guide for availability/restrictions with various models)

| Parameter                                         | Description                                                                                                                                                                                                               |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Barrier Diaphragms Material</b>                | <b>STG700:</b> 316L SS, Hastelloy® C-276 <sup>2</sup> , Monel® 400 <sup>3</sup> , Tantalum<br><b>STG70L:</b> 316L SS, Hastelloy C-276                                                                                     |
| <b>Process Head Material</b>                      | <b>STG700:</b> Carbon Steel (Zinc Plated) <sup>5</sup> , 316 SS <sup>4</sup> , Hastelloy® C-276 <sup>6</sup> , Monel® 400 <sup>7</sup><br><b>STG70L:</b> 316L SS, Hastelloy® C-276 <sup>6</sup>                           |
| <b>Vent/Drain Valves &amp; Plugs</b> <sup>1</sup> | <b>STG700:</b> 316 SS <sup>4</sup> , Hastelloy C-276 <sup>2</sup> , Monel 400 <sup>7</sup><br><b>STG70L:</b> N/A                                                                                                          |
| <b>Head Gaskets</b>                               | <b>STG700:</b> Glass-filled PTFE standard. Viton® and graphite are optional. <b>STG70L:</b> N/A                                                                                                                           |
| <b>Meter Body Bolting</b>                         | <b>STG700:</b> Carbon Steel (Zinc plated) standard. Options include 316 SS, NACE A286 SS bolts and nuts or NACE A286 SS bolts and 304 SS nuts <b>STG70L:</b> N/A                                                          |
| <b>Mounting Bracket</b>                           | Carbon Steel (Zinc-plated) or 304 Stainless Steel or 316 Stainless Steel. See <a href="#">Figure 3</a> and <a href="#">Figure 5</a>                                                                                       |
| <b>Fill Fluid</b>                                 | Silicone, CTFE, NEOBEE M-20, Silicone 704.                                                                                                                                                                                |
| <b>Electronic Housing</b>                         | Pure Polyester Powder Coated Low Copper (<0.4%) – Aluminum.<br>Meets Type 4X / IP66 / IP67. All stainless-steel housing is optional.<br>Cover O ring material: Silicone.                                                  |
| <b>Process Connections</b>                        | <b>STG700:</b> ½ -inch NPT(female), DIN 19213 (standard)<br><b>STG70L:</b> ½ -inch NPT(female), ½ -inch NPT male, 9/16-18 high-pressure Cone and Thread female <sup>8</sup> , DIN19213 (except STG79L), G½ -B Male Thread |
| <b>Wiring</b>                                     | Accepts up to 16 AWG (1.5 mm diameter).                                                                                                                                                                                   |
| <b>Dimensions</b>                                 | See <a href="#">Figure 4</a> and <a href="#">Figure 6</a>                                                                                                                                                                 |
| <b>Net Weight</b>                                 | <b>STG700:</b> 8.3 pounds (3.8 Kg). <b>STG70L:</b> 3.6 pounds (1.6 Kg) with Aluminum Housing                                                                                                                              |

<sup>1</sup> Vent/Drains are sealed with Teflon®<sup>2</sup> Hastelloy® C-276 or UNS N10276.<sup>3</sup> Monel® 400 or UNS N04400.<sup>4</sup> Supplied as 316 SS or as Grade CF8M, the casting equivalent of 316 SS.<sup>5</sup> Carbon Steel heads are zinc-plated and not recommended for water service due to hydrogen migration. For that service, use 316 stainless steel wetted Process Heads.<sup>6</sup> Hastelloy® C-276 or UNS N10276. Supplied as indicated or as Grade CW12MW, the casting equivalent of Hastelloy® C-276.<sup>7</sup> Monel® 400 or UNS N04400. Supplied as indicated or as Grade M30C, the casting equivalent of Monel® 400.<sup>8</sup> 9/16 Aminco

## Communications Protocols & Diagnostics

### HART Protocol

**Version:** HART 7

### Honeywell Digitally Enhanced (DE)

DE is a Honeywell proprietary protocol which provides digital communications between Honeywell DE enabled field devices and Hosts.

### Standard Diagnostics

ST 700 top level diagnostics are reported as either critical or non-critical and are readable via the DD/DTM/FDI tools or integral display. All critical diagnostics will appear on the Advanced and Standard integral displays, and some non-critical diagnostics will also appear on the Advanced integral display. Some of the diagnostics are listed below.

#### Critical Diagnostics

- Electronics Module Fault.
- Meter body Memory Corruption.
- Config Data Corruption.
- Electronics Module Diagnostics Failure.
- Meter body Critical Failure.
- Sensor Communication Timeout.

#### Non-Critical Diagnostics

- Display Failure.
- Electronics Module Comm Failure.
- Meter body Excess Correct.
- Sensor Over Temperature.
- Fixed Current Mode.
- PV Out of Range.
- No DAC Compensation.
- Tamper Attempt Alarm.

Refer to the product user manual for comprehensive list of diagnostics and details.

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## Hazardous Area Certifications

| MSG CODE | AGENCY                                              | TYPE OF PROTECTION                                                                                                                                                                                                                                                                                                                                   | COMM. OPTION                            | ELECTRICAL PARAMETERS | AMBIENT TEMP (Ta)                        |
|----------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------|------------------------------------------|
| A        | FM Approvals™ USA                                   | <b>Explosionproof:</b><br>Class I, Division 1, Groups A, B, C, D;<br>Dust Ignition Proof:<br>Class II, III, Division 1, Groups E, F, G;<br>T6..T5<br>Class I, Zone 0/1, AEx db IIC T6..T5 Ga/Gb<br>Class II, Zone 21, AEx tb IIIC T95° Db                                                                                                            | All                                     | Note 1                | T5: -50 °C to 85°C<br>T6: -50 °C to 65°C |
|          |                                                     | <b>Intrinsically Safe:</b><br>Class I, II, III, Division 1, Groups A, B, C, D, E, F, G: T4<br>Class I, Zone 0, AEx ia IIC T4 Ga<br>FISCO Field Device (Only for FF Option)<br>Ex ia IIC T4 Ga; Ex ic IIC T4 Gc                                                                                                                                       | 4-20 mA / DE/ HART                      | Note 2a               | -50 °C to 70°C                           |
|          |                                                     |                                                                                                                                                                                                                                                                                                                                                      | Foundation Fieldbus                     | Note 2b               | -50 °C to 70°C                           |
|          |                                                     | <b>Nonincendive:</b><br>Class I, Division 2, Groups A, B, C, D locations, T4<br>Class I, Zone 2, AEx nA IIC T4 Gc                                                                                                                                                                                                                                    | 4-20 mA / DE/ HART/ Foundation Fieldbus | Note 1                | -50 °C to 85°C                           |
|          |                                                     | <b>Enclosure:</b> Type 4X/ IP66/ IP67                                                                                                                                                                                                                                                                                                                | All                                     | All                   | -                                        |
|          |                                                     | <b>STANDARDS:</b> FM Class 3600:2011; FM Class 3610: 2010; FM Class 3611: 2004; FM Class 3615: 2006; FM Class 3616: 2011; FM Class 3810: 2005; ANSI/ISA 60079-0: 2013; ANSI/UL 60079-1: 2015; ANSI/UL 60079-11: 2014; ANSI/ISA 60079-15: 2012; ANSI/UL 60079-26: 2017; ANSI/UL 60079-31: 2015; ANSI/NEMA 250: 2003; ANSI/ IEC 60529: 2004            |                                         |                       |                                          |
| B        | Canadian Standards Association (CSA) USA and Canada | <b>Explosion Proof:</b><br>Class I, Division 1, Groups A, B, C, D;<br>Class II, Division 1, Groups E, F, G;<br>Class III, Division 1, T6..T5<br>Class I Zone 1 AEx db IIC T6..T5 Ga/Gb<br>Ex db IIC T6..T5 Ga/Gb<br>Zone 22 AEx tb IIIC T95° Db<br>Ex tb IIIC T95° Db                                                                                | All                                     | Note 1                | T5: -50°C TO 85°C<br>T6: -50°C TO 65°C   |
|          |                                                     | <b>Intrinsically Safe:</b><br>Class I, II, III, Division 1, Groups A, B, C, D;<br>Class II, Division 1, Groups E, F, G;<br>Class III, Division 1, T4<br>Class I Zone 0, AEx ia IIC T4 Ga<br>Class I Zone 2, AEx ic IIC T4 Gc<br>Ex ia IIC T4 Ga<br>Ex ic IIC T4 Gc<br>FISCO Field Device (Only for FF Option)<br>Ex ia IIC T4 Ga;<br>Ex ic IIC T4 Gc | 4-20 mA / DE/ HART                      | Note 2                | -50°C TO 70°C                            |
|          |                                                     |                                                                                                                                                                                                                                                                                                                                                      | Foundation Fieldbus                     | Note 2                | -50°C TO 70°C                            |
|          |                                                     | <b>Nonincendive:</b><br>Class I, Division 2, Groups A, B, C, D;<br>Class II, Division 2, Groups F, G;<br>Class III, Division 2, T4<br>Class I Zone 2 AEx nA IIC T4 Gc<br>Ex nA IIC T4 Gc                                                                                                                                                             | 4-20 mA / DE/ HART/ Foundation Fieldbus | Note 1                | -50°C to 85°C                            |
|          |                                                     | <b>Enclosure:</b> Type 4X/ IP66/ IP67                                                                                                                                                                                                                                                                                                                | All                                     | All                   | -                                        |



| MSG CODE | AGENCY | TYPE OF PROTECTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | COMM. OPTION                                     | ELECTRICAL PARAMETERS | AMBIENT TEMP (Ta)                      |
|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------|----------------------------------------|
|          |        | <b>STANDARDS:</b> CSA C22.2 No. 0-10; CSA C22.2 No. 94-M91; CSA C22.2 No. 25-1966; CSA C22.2 No. 30-M1986; CSA C22.2 No. 142-M1987; CSA C22.2 No. 157-92; CSA C22.2 No. 213-M1987; CSA-C22.2 No. 60529:05; CSA-C22.2 No. 60079-0:11; CSA-C22.2 No. 60079-1:11; CSA-C22.2 No. 60079-11:11; CSA-C22.2 No. 60079-15:12; CSA-C22.2 No. 60079-31:12; ISA 12.12.01-2010; ISA 60079-0: 2009; ISA 60079-11: 2011; ISA 60079-15: 2009; ISA 60079-26: 2008; ISA-60079-27:2007 (12.02.04)-2006 (R2011); UL 913 Ed. 6; UL 916:1998; ANSI/ISA-12.27.01-2011 |                                                  |                       |                                        |
| C        | ATEX   | <b>Flameproof: SIRA 12ATEX2233X</b><br> II 1/2 G Ex db IIC T6..T5 Ga/Gb<br>II 2 D Ex tb IIIC T95°C...T120°C Db                                                                                                                                                                                                                                                                                                                                                | All                                              | Note 1                | T5: -50°C TO 85°C<br>T6: -50°C TO 65°C |
|          |        | <b>Intrinsically Safe: SIRA 12ATEX2233X</b><br> II 1 G Ex ia IIC T4 Ga<br>II 2 D Ex ia IIIC T125°C Db                                                                                                                                                                                                                                                                                                                                                         | 4-20 mA / DE/<br>HART                            | Note 2                | -50°C TO 70°C                          |
|          |        | FISCO Field Device (Only for FF Option)<br>II 1 G Ex ia IIC T4 Ga                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Foundation<br>Fieldbus                           | Note 2                | -50°C TO 70°C                          |
|          |        | <b>Zone 2, Increase Safety: SIRA 12ATEX4234X</b><br> II 3 G Ex ec IIC T4 Gc                                                                                                                                                                                                                                                                                                                                                                                   | 4-20 mA / DE/<br>HART/                           | Note 1                | -50°C TO 85°C                          |
|          |        | <b>Zone 2, Intrinsically Safe: SIRA 12ATEX4234X</b><br> II 3 G Ex ic IIC T4 Gc<br>FISCO Field Device (Only for FF Option)<br>II 3 G Ex ic IIC T4 Gc                                                                                                                                                                                                                                                                                                         | 4-20 mA / DE/<br>HART/<br>Foundation<br>Fieldbus | Note 2                | -50°C TO 85°C                          |
|          |        | <b>Enclosure:</b> IP66/ IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | All                                              | All                   | -                                      |
|          |        | <b>STANDARDS:</b> EN 60079-0: 2018; EN 60079-1: 2014; EN 60079-7: 2015+A1: 2018; EN 60079-11: 2012; EN 60079-26: 2015; EN 60079-31: 2014                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |                       |                                        |
|          | UKEx   | <b>Flameproof: CSAE 22UKEX1021X</b><br> II 1/2 G Ex db IIC T6..T5 Ga/Gb<br>II 2 D Ex tb IIIC T95°C...T120°C Db                                                                                                                                                                                                                                                                                                                                              | All                                              | Note 1                | T5: -50°C TO 85°C<br>T6: -50°C TO 65°C |
|          |        | <b>Intrinsically Safe: CSAE 22UKEX1021X</b><br> II 1 G Ex ia IIC T4 Ga<br>II 2 D Ex ia IIIC T125°C Db                                                                                                                                                                                                                                                                                                                                                       | 4-20 mA / DE/<br>HART                            | Note 2                | -50°C TO 70°C                          |
|          |        | FISCO Field Device (Only for FF Option)<br>II 1 G Ex ia IIC T4 Ga                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Foundation<br>Fieldbus                           | Note 2                | -50°C TO 70°C                          |
|          |        | <b>Zone 2, Increase Safety: CSAE 22UKEX1008X</b><br> II 3 G Ex ec IIC T4 Gc                                                                                                                                                                                                                                                                                                                                                                                 | 4-20 mA / DE/<br>HART/                           | Note 1                | -50°C TO 85°C                          |
|          |        | <b>Zone 2, Intrinsically Safe: CSAE 22UKEX1008X</b><br> II 3 G Ex ic IIC T4 Gc<br>FISCO Field Device (Only for FF Option)                                                                                                                                                                                                                                                                                                                                   | 4-20 mA / DE/<br>HART/<br>Foundation<br>Fieldbus | Note 2                | -50°C TO 85°C                          |

| MSG CODE | AGENCY      | TYPE OF PROTECTION                                                                                                                                                      | COMM. OPTION                                     | ELECTRICAL PARAMETERS | AMBIENT TEMP (Ta)                      |
|----------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------|----------------------------------------|
|          |             | II 3 G Ex ic IIC T4 Gc                                                                                                                                                  |                                                  |                       |                                        |
|          |             | <b>Enclosure:</b> IP66/ IP67                                                                                                                                            | All                                              | All                   | -                                      |
|          |             | <b>STANDARDS:</b> EN 60079-0: 2018; EN 60079-1: 2014; EN 60079-7: 2015+A1: 2018; EN 60079-11: 2012; EN 60079-26: 2015; EN 60079-31: 2014                                |                                                  |                       |                                        |
| D        | IECEx World | <b>Flameproof: IECEx SIR 12.0100X</b><br>Ex db IIC T6..T5 Ga/Gb<br>Ex tb IIIC T95°C...T120°C Db                                                                         | All                                              | Note 1                | T5: -50°C TO 85°C<br>T6: -50°C TO 65°C |
|          |             | <b>Intrinsically Safe: IECEx SIR 12.0100X</b><br>Ex ia IIC T4 Ga<br>Ex ia IIIC T125°C Db<br>FISCO Field Device (Only for FF Option)<br>Ex ia IIC T4 Ga; Ex ic IIC T4 Gc | 4-20 mA / DE/<br>HART                            | Note 2                | -50°C TO 70°C                          |
|          |             |                                                                                                                                                                         | Foundation<br>Fieldbus                           | Note 2                | -50°C TO 70°C                          |
|          |             | <b>Zone 2, Increase Safety: IECEx SIR 12.0100X</b><br>Ex ec IIC T4 Gc                                                                                                   | 4-20 mA / DE/<br>HART/<br>Foundation<br>Fieldbus | Note 1                | -50°C TO 85°C                          |
|          |             | <b>Zone 2, Intrinsically Safe: IECEx SIR 12.0100X</b><br>Ex ic IIC T4 Gc<br>FISCO Field Device (Only for FF Option)<br>Ex ic IIC T4 Gc                                  | 4-20 mA / DE/<br>HART/<br>Foundation<br>Fieldbus | Note 2                | -50°C TO 85°C                          |
|          |             | <b>Enclosure:</b> IP66/ IP67                                                                                                                                            | All                                              | All                   | -                                      |
|          |             | <b>STANDARDS:</b> IEC 60079-0: 2017; IEC 60079-1: 2014; IEC 60079-7: 2017; IEC 60079-11: 2011; IEC 60079-26: 2014; IEC 60079-31: 2013                                   |                                                  |                       |                                        |

|   |                      |                                                                                                                                  |                                                  |         |                                        |
|---|----------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------|----------------------------------------|
| E | SAEx<br>South Africa | <b>Flameproof :</b><br>Ex d IIC T6...T5 Ga/Gb<br>Ex tb IIIC T95°C...T120°C Db                                                    | All                                              | Note 1  | T5: -50°C TO 85°C<br>T6: -50°C TO 65°C |
|   |                      | <b>Intrinsically Safe:</b><br>Ex ia IIC Ga T4<br>FISCO Field Device (Only for FF Option)<br>Ex ia IIC T4 Ga; Ex ic IIC T4 Gc     | 4-20 mA / DE/<br>HART                            | Note 2  | -50°C TO 70°C                          |
|   |                      |                                                                                                                                  | Foundation<br>Fieldbus                           | Note 2  | -50°C TO 70°C                          |
|   |                      | <b>Zone 2, Increase Safety:</b><br>II 3 G Ex ec IIC T4 Gc                                                                        | 4-20 mA / DE/<br>HART/<br>Foundation<br>Fieldbus | Note 1  | -50°C TO 85°C                          |
|   |                      | <b>Zone 2, Intrinsically Safe:</b><br>Ex ic IIC T4 Gc<br>FISCO Field Device (Only for FF Option)<br>Ex ic IIC T4 Gc              | 4-20 mA / DE/<br>HART/<br>Foundation<br>Fieldbus | Note 2  | -50°C TO 85°C                          |
|   |                      | <b>Enclosure:</b> IP66/ IP67                                                                                                     | All                                              | All     | -                                      |
| F | INMETRO<br>Brazil    | <b>Flameproof:</b><br>Ex db IIC T6..T5 Ga/Gb<br>Ex tb IIIC T95°C...T120°C Db                                                     | All                                              | Note 1  | T5: -50°C TO 85°C<br>T6: -50°C TO 65°C |
|   |                      | <b>Intrinsically Safe:</b><br>Ex ia IIC T4 Ga<br><br>FISCO Field Device (Only for FF Option)<br>Ex ia IIC T4 Ga; Ex ic IIC T4 Gc | 4-20 mA / DE/<br>HART                            | Note 2a | -50°C TO 70°C                          |
|   |                      |                                                                                                                                  | Foundation<br>Fieldbus                           | Note 2b | -50°C TO 70°C                          |
|   |                      | <b>Zone 2, Increase Safety:</b><br>II 3 G Ex ec IIC T4 Gc                                                                        | 4-20 mA / DE/<br>HART/<br>Foundation<br>Fieldbus | Note 1  | -50°C TO 85°C                          |
|   |                      | <b>Zone 2, Intrinsically Safe:</b><br>Ex ic IIC T4 Gc<br>FISCO Field Device (Only for FF Option)<br>Ex ic IIC T4 Gc              | 4-20 mA / DE/<br>HART/<br>Foundation<br>Fieldbus | Note 2  | -50°C TO 85°C                          |
|   |                      | <b>Enclosure :</b> IP 66/67                                                                                                      | All                                              | All     | -                                      |
| G | NEPSI<br>CHINA       | <b>Flameproof:</b><br>Ex db IIC T6..T5 Ga/Gb<br>Ex tb IIIC T 95°C Db                                                             | All                                              | Note 1  | T5: -50°C TO 85°C<br>T6: -50°C TO 65°C |
|   |                      | <b>Intrinsically Safe:</b><br>Ex ia IIC T4 Ga<br>FISCO Field Device (Only for FF Option)<br>Ex ia IIC T4 Ga; Ex ic IIC T4 Gc     | 4-20 mA / DE/<br>HART                            | Note 2  | -50°C TO 70°C                          |
|   |                      |                                                                                                                                  | Foundation<br>Fieldbus                           | Note 2  | -50°C TO 70°C                          |
|   |                      | <b>Zone 2, Increase Safety:</b><br>II 3 G Ex ec IIC T4 Gc                                                                        | 4-20 mA / DE/<br>HART/<br>Foundation<br>Fieldbus | Note 1  | -50°C TO 85°C                          |
|   |                      | <b>Zone 2, Intrinsically Safe:</b><br>Ex ic IIC T4 Gc<br>FISCO Field Device (Only for FF Option)<br>Ex ic IIC T4 Gc              | 4-20 mA / DE/<br>HART/<br>Foundation<br>Fieldbus | Note 2  | -50°C TO 85°C                          |
|   |                      | <b>Enclosure :</b> IP 66/67                                                                                                      | All                                              | All     | -                                      |

|   |                                             |                                                                                                                              |                                                  |        |                                                             |
|---|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------|-------------------------------------------------------------|
| H | KOSHA<br>Korea                              | <b>Flameproof :</b><br>Ex d IIC T4, T5, T6<br>Ex tD A21 IP66/IP67 T95°C...T120 °C                                            | All                                              | Note 1 | T4: -50°C TO 85°C<br>T5: -50°C TO 85°C<br>T6: -50°C TO 65°C |
|   |                                             | <b>Intrinsically Safe:</b><br>Ex ia IIC T4                                                                                   | 4-20 mA /<br>DE/ HART                            | Note 2 | Ta= -50 °C to 70°C                                          |
|   |                                             |                                                                                                                              | Foundation<br>Fieldbus                           | Note 2 | Ta= -50 °C to 70°C                                          |
|   |                                             | <b>Enclosure:</b> IP66/ IP67                                                                                                 | All                                              | All    | -                                                           |
| I | EAC<br>Russia, Belarus<br>and<br>Kazakhstan | <b>Flameproof:</b><br>Ga/Gb Ex d IIC T6..T5<br>Ex tb IIIC Db T 85°C                                                          | All                                              | Note 1 | T5: -50°C TO 85°C<br>T6: -50°C TO 65°C                      |
|   |                                             | <b>Intrinsically Safe:</b><br>Ga Ex ia IIC T4 X<br>FISCO Field Device<br>(Only for FF Option)<br>Ga Ex ia IIC T4 X           | 4-20 mA /<br>DE/ HART                            | Note 2 | -50°C TO 70°C                                               |
|   |                                             |                                                                                                                              | Foundation<br>Fieldbus                           | Note 2 | -50°C TO 70°C                                               |
|   |                                             | <b>Zone 2, Non Sparking:</b><br>2 Ex nA IIC T4 Gc X                                                                          | 4-20 mA /<br>DE/ HART/<br>Foundation<br>Fieldbus | Note 1 | -50°C TO 85°C                                               |
|   |                                             | <b>Zone 2, Intrinsically Safe:</b><br>Ga Ex ic IIC T4 X<br>FISCO Field Device<br>(Only for FF Option)<br>2 Ex ic IIC T4 Gc X | 4-20 mA /<br>DE/ HART/<br>Foundation<br>Fieldbus | Note 2 | -50°C TO 85°C                                               |
|   |                                             | <b>Enclosure :</b> IP 66/67                                                                                                  | All                                              | All    |                                                             |
| J | CCoE<br>INDIA                               | <b>Flameproof:</b><br>Ex d IIC T6..T5 Ga/Gb                                                                                  | All                                              | Note 1 | T5: -50°C TO 85°C<br>T6: -50°C TO 65°C                      |
|   |                                             | <b>Intrinsically Safe:</b><br>Ex ia IIC T4 Ga<br>FISCO Field Device (Only for FF Option)<br>Ex ia IIC T4 Ga; Ex ic IIC T4 Gc | 4-20 mA / DE/<br>HART                            | Note 2 | -50°C TO 70°C                                               |
|   |                                             |                                                                                                                              | Foundation<br>Fieldbus                           | Note 2 | -50°C TO 70°C                                               |
|   |                                             | <b>Non Sparking</b><br>Ex nA IIC T4 Gc                                                                                       | 4-20 mA / DE/<br>HART/<br>Foundation<br>Fieldbus | Note 1 | -50°C TO 85°C                                               |
|   |                                             | <b>Enclosure:</b> IP66/ IP67                                                                                                 | All                                              | All    | -                                                           |
| K | UATR<br>UKRAINE                             | <b>Flameproof:</b><br>II 1/2 G Ex db IIC T6..T5 Ga/Gb<br>II 2 D Ex tb IIIC T95°C...T120°C Db                                 | All                                              | Note 1 | T5: -50°C TO 85°C<br>T6: -50°C TO 65°C                      |
|   |                                             | <b>Intrinsically Safe:</b><br>II 1 G Ex ia IIC T4 Ga<br>FISCO Field Device (Only for FF Option)<br>II 1 G Ex ia IIC T4 Ga    | 4-20 mA / DE/<br>HART                            | Note 2 | -50°C TO 70°C                                               |
|   |                                             |                                                                                                                              | Foundation<br>Fieldbus                           | Note 2 | -50°C TO 70°C                                               |
|   |                                             | <b>Enclosure:</b> IP66/ IP67                                                                                                 | All                                              | All    | -                                                           |

- NACE MRO175, MRO103, ISO15156

## Mounting & Dimensional Drawings

Reference Dimensions:  $\frac{\text{millimeters}}{\text{inches}}$

### Mounting Configurations: (Dual head design)

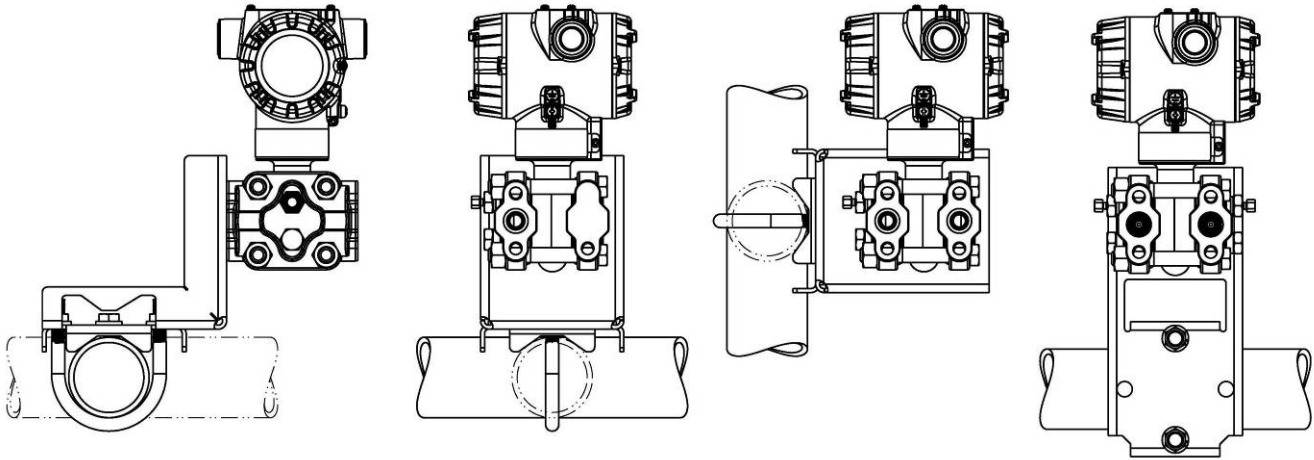


Figure 3 – Mounting options: (Dual head design)

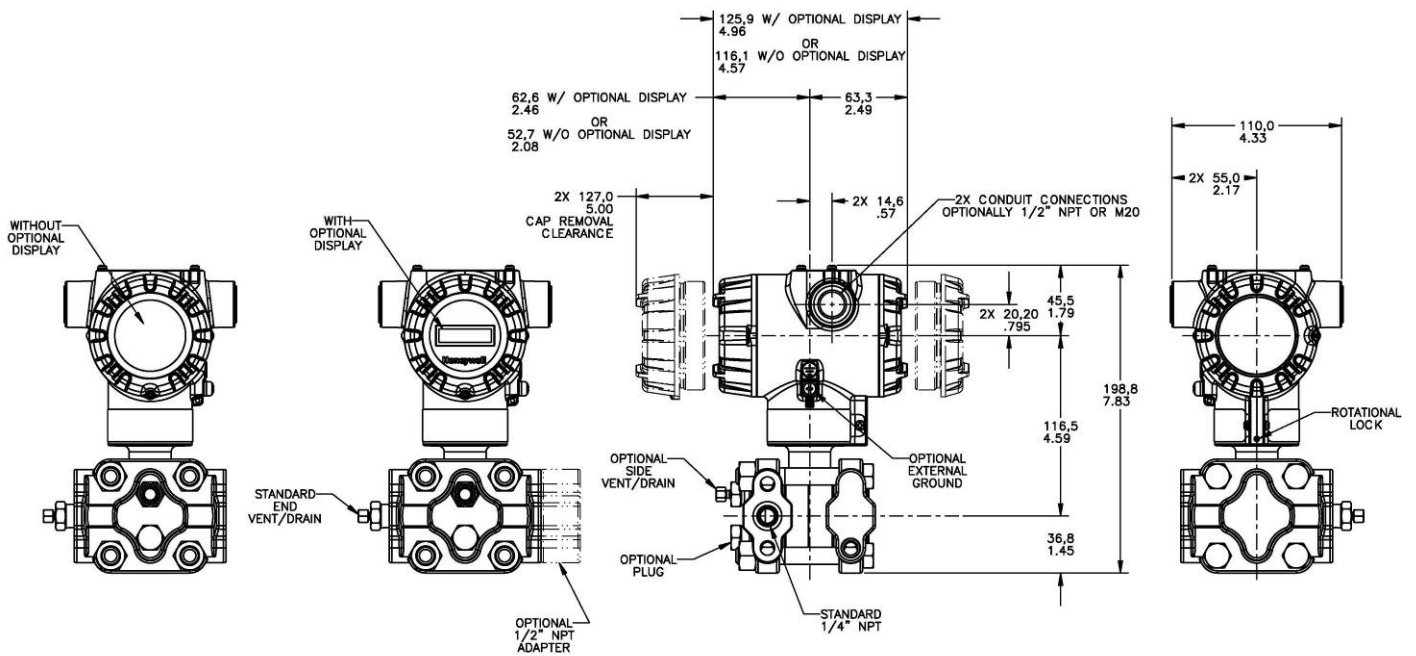


Figure 4 – Typical dimensions of STG740 & STG770 for reference

Reference Dimensions:  $\frac{\text{millimeters}}{\text{inches}}$

Mounting Configurations (Inline Designs)

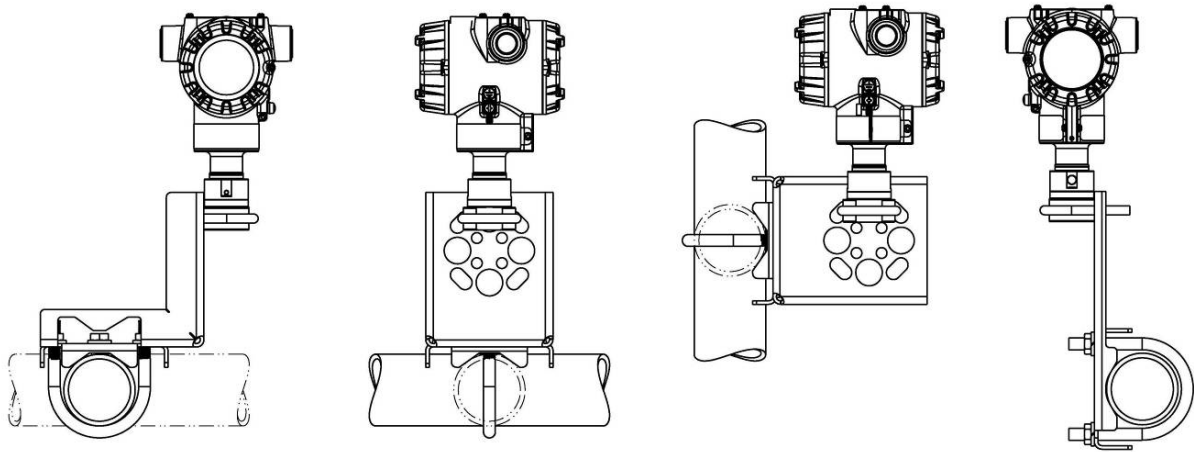


Figure 5 – Mounting Options (Inline Design)

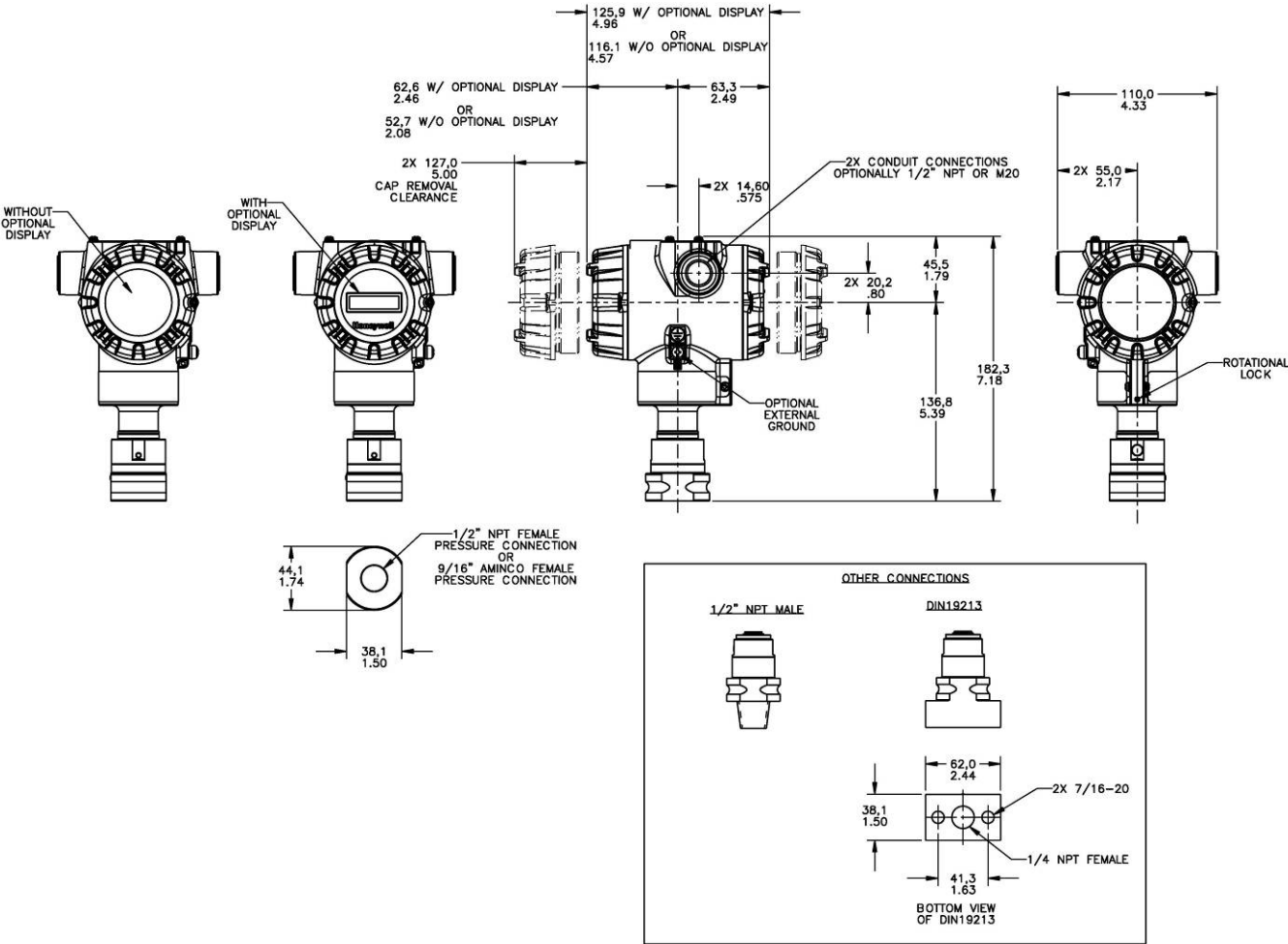


Figure 6 – Typical dimensions of STG74L, STG77L, STG78L, & STG79L for reference



## Model Selection Guide

Model Selection Guides are subject to change and are inserted into the specifications as guidance only.

### Model STG700 Gauge Pressure Transmitters

Model Selection Guide Issue  
34-ST-16-102 38

**Instructions:** Make selections from all Tables using column below the proper arrow. Asterisk indicates availability. Letter (a) refers to restrictions highlighted in the restrictions table. Tables delimited with dashes.  
**List Price:** Price equals the sum of prices for all selections made.

Key  
STG - I - II - III - IV - V - VI - VII - VIII - IX  
0 0 0 0

| KEY NUMBER         | URL/Max Span | LRL          | Min Span   | Units     |
|--------------------|--------------|--------------|------------|-----------|
| Gauge<br>Dual Head | 50 (3.5)     | -14.7 (-1.0) | 0.5 (.035) | psi (bar) |
|                    | 500 (35)     | -14.7 (-1.0) | 5 (.35)    | psi (bar) |
|                    | 3000 (210)   | -14.7 (-1.0) | 30 (2.1)   | psi (bar) |
| Gauge<br>In-Line   | 50 (3.5)     | -14.7 (-1.0) | 0.5 (.035) | psi (bar) |
|                    | 500 (35)     | -14.7 (-1.0) | 5 (.35)    | psi (bar) |
|                    | 3000 (210)   | -14.7 (-1.0) | 30 (2.1)   | psi (bar) |
|                    | 6000 (420)   | -14.7 (-1.0) | 60 (4.2)   | psi (bar) |
|                    | 10000 (690)  | -14.7 (-1.0) | 100 (6.9)  | psi (bar) |

| Selection | Availability |   |  |  |
|-----------|--------------|---|--|--|
| STG730    | ↓            |   |  |  |
| STG740    | ↓            |   |  |  |
| STG770    | ↓            |   |  |  |
| STG73L    |              | ↓ |  |  |
| STG74L    |              | ↓ |  |  |
| STG77L    |              | ↓ |  |  |
| STG78L    |              | ↓ |  |  |
| STG79L    |              | ↓ |  |  |

| TABLE I                               |                                                                                                                                                                             | METER BODY SELECTIONS |                                                                                                                                                            |                                    |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| a. Process Head & Diaphragm Materials | Process Head/Reference Head Material <sup>1b</sup>                                                                                                                          |                       | Barrier Diaphragm Material                                                                                                                                 |                                    |
|                                       | Plated Carbon Steel /<br>Plated Carbon Steel                                                                                                                                |                       | 316L SS<br>Hastelloy® C - 276<br>Monel 400®<br>Tantalum                                                                                                    |                                    |
|                                       | 316 Stainless Steel /<br>316 Stainless Steel <sup>1c</sup>                                                                                                                  |                       | 316L SS<br>Hastelloy C - 276<br>Monel 400<br>Tantalum<br>Gold Plated 316L SS<br>Gold Plated Hastelloy C-276<br>Gold Plated Monel 400                       |                                    |
|                                       | Hastelloy C - 276 / 316 Stainless Steel                                                                                                                                     |                       | Hastelloy C - 276<br>Tantalum<br>Gold Plated Hastelloy C-276                                                                                               |                                    |
|                                       | Monel 400 / 316 Stainless Steel                                                                                                                                             |                       | Monel 400<br>Gold Plated Monel 400                                                                                                                         |                                    |
|                                       |                                                                                                                                                                             |                       |                                                                                                                                                            |                                    |
| b. Fill Fluid                         | Silicone Oil 200<br>Fluorinated Oil CTFE<br>Silicone Oil 704<br>NEOBEE® M-20                                                                                                |                       |                                                                                                                                                            |                                    |
| c. Process Connection                 | Size/Type                                                                                                                                                                   |                       | Material                                                                                                                                                   |                                    |
|                                       | 9/16-18 high pressure Cone & Thread (female) <sup>1d</sup><br>1/2" NPT (female)<br>1/2" NPT (male)<br>DIN 19213 (1/4" female NPT)<br>G 1/2 B Threaded Fitting<br>M20 (male) |                       | Same as Process Head<br>Same as Process Head <sup>1a</sup><br>Same as Process Head<br>Same as Process Head<br>Same as Process Head<br>Same as Process Head |                                    |
| d. Bolt/Nuts Materials                | None<br>Carbon Steel<br>316 SS<br>Grade 660 (NACE A286) with NACE 304 SS Nuts<br>Grade 660 (NACE A286) Bolts & Nuts<br>Monel K500<br>Super Duplex<br>B7M                    |                       |                                                                                                                                                            |                                    |
| e. Vent/Drain Type/Location           | Head Type                                                                                                                                                                   | Vent Type             | Location                                                                                                                                                   | Vent Material                      |
|                                       | None                                                                                                                                                                        | None                  | None                                                                                                                                                       | None                               |
|                                       | Single Ended                                                                                                                                                                | None                  | None                                                                                                                                                       | None                               |
|                                       | Single Ended                                                                                                                                                                | Standard Vent         | Side                                                                                                                                                       | Matches Head Material <sup>1</sup> |
|                                       | Single Ended                                                                                                                                                                | Center Vent           | Side                                                                                                                                                       | Stainless Steel Only               |
|                                       | Dual Ended                                                                                                                                                                  | Standard Vent         | End                                                                                                                                                        | Matches Head Material <sup>1</sup> |
|                                       | Dual Ended                                                                                                                                                                  | Center Vent           | End                                                                                                                                                        | Stainless Steel only               |
| f. Gasket Materials                   | Dual Ended                                                                                                                                                                  | Std Vent/Plug         | Side/End                                                                                                                                                   | Matches Head Material <sup>1</sup> |
|                                       | None<br>Teflon® or PTFE (Glass Filled)<br>Viton®<br>Graphite                                                                                                                |                       |                                                                                                                                                            |                                    |

|   |   |   |   |   |
|---|---|---|---|---|
| A | * | * |   |   |
| B | * | * |   |   |
| C | * | * |   |   |
| D | a | a |   |   |
| E | * | * | * | * |
| F | * | * | * | * |
| G | * | * |   |   |
| H | a | a |   |   |
| 4 | * | * | * | * |
| 5 | * | * | * | * |
| 6 | * | * |   |   |
| J | * | * | * | * |
| K | a | a |   |   |
| 7 | * | * | * | * |
| L | a | a |   |   |
| 8 | a | a |   |   |
| 1 | * | * | * | * |
| 2 | * | * | * | * |
| 3 | * | * | * | * |
| 4 | * | * | * | * |

|   |   |   |   |   |
|---|---|---|---|---|
| A | * | * | * | * |
| G | * | * | * | * |
| H | * | * | * | * |
| D | * | * | * | * |
| B | * | * | * | * |
| N | * | * | * | * |
| 0 | * | * | * | * |
| C | * | * | * | * |
| S | * | * | * | * |
| N | * | * | * | * |
| K | p | p | * | * |
| M | p | p | * | * |
| D | p | p | * | * |
| B | * | * | * | * |

|   |   |   |   |   |
|---|---|---|---|---|
| 0 | * | * | * | * |
| 1 | * | * | * | * |
| 2 | * | * | * | * |
| 3 | t | t | * | * |
| 4 | * | * | * | * |
| 5 | t | t | * | * |
| 6 | * | * | * | * |
| 0 | * | * | * | * |
| A | * | * | * | * |
| B | * | * | * | * |
| C | * | * | * | * |

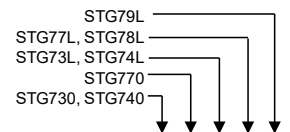
<sup>1</sup> Except Carbon Steel Heads shall use 316SS Vent/Drain & Plugs and or 1/2" adapters

<sup>1a</sup> STG730,740,770 supplied via 1/2" flange adapter same material as process head except carbon steel shall use 316 SS

<sup>1b</sup> Reference head available with Dual Head Gage models only. In-Line Gage models are supplied with Process Head only.

<sup>1c</sup> When selected for In-Line Gage models the Process Head / Bonnet is supplied in Dual Certified SS316/316L

<sup>1d</sup> 9/16" Aminco



| TABLE II                 | Meter Body & Connection Orientation |                                                                             |
|--------------------------|-------------------------------------|-----------------------------------------------------------------------------|
| Head/Connect Orientation | Standard                            | High Side Left, Low Side Right <sup>2</sup> / Std Head Orientation          |
|                          | Reversed                            | Low Side Left, High Side Right <sup>2</sup> / Std Head Orientation          |
|                          | 90/Standard                         | High Side Left, Low Side Right <sup>2</sup> / 90 <sup>0</sup> Head Rotation |

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| 1 | * | * | * | * | * |
| 2 | * | * | * | * | * |
| 3 | h | h | * | * | * |

| TABLE III | AGENCY APPROVALS                                                                         |
|-----------|------------------------------------------------------------------------------------------|
| Approvals | No Approvals Required                                                                    |
|           | <FM> Explosion proof, Intrinsically Safe, Non-incendive, & Dustproof                     |
|           | CSA Explosion proof, Intrinsically Safe, Non-incendive, & Dustproof                      |
|           | ATEX Explosion proof, Intrinsically Safe & Non-incendive                                 |
|           | IECEX Explosion proof, Intrinsically Safe & Non-incendive                                |
|           | SAEx Explosion proof, Intrinsically Safe & Non-incendive                                 |
|           | INMETRO Explosion proof, Intrinsically Safe & Non-incendive                              |
|           | NEPSI Explosion proof, Intrinsically Safe & Non-incendive                                |
|           | KOSHA Explosion proof, Intrinsically Safe & Non-incendive                                |
|           | EAC Customs Union (Russia,Belarus,Kazakhstan)Ex Approval Flame proof, Intrinsically Safe |
|           | ATEX/IECEX Explosion proof, Intrinsically Safe & Non-incendive                           |
|           | CCoE Explosion proof, Intrinsically Safe & Non-incendive                                 |
|           | UATR Flameproof, Intrinsically Safe & Dustproof                                          |

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| 0 | * | * | * | * | * |
| A | * | * | * | * | * |
| B | * | * | * | * | p |
| C | * | * | * | * | * |
| D | * | * | * | * | * |
| E | * | * | * | * | * |
| F | * | * | * | * | * |
| G | * | * | * | * | * |
| H | * | * | * | * | * |
| I | * | * | * | * | * |
| 1 | * | * | * | * | * |
| J | * | * | * | * | * |
| K | * | * | * | * | * |

| TABLE IV                                         | TRANSMITTER ELECTRONICS SELECTIONS              |                                 |                            |
|--------------------------------------------------|-------------------------------------------------|---------------------------------|----------------------------|
| a. Electronic Housing Material & Connection Type | Material                                        | Connection                      | Lightning Protection       |
|                                                  | Polyester Powder Coated Aluminum                | 1/2 NPT                         | None                       |
|                                                  | Polyester Powder Coated Aluminum                | M20                             | None                       |
|                                                  | Polyester Powder Coated Aluminum                | 1/2 NPT                         | Yes                        |
|                                                  | Polyester Powder Coated Aluminum                | M20                             | Yes                        |
|                                                  | Dual Certified SS 316/316L (CF8M/CF3M)          | 1/2 NPT                         | None                       |
|                                                  | Dual Certified SS 316/316L (CF8M/CF3M)          | M20                             | None                       |
|                                                  | Dual Certified SS 316/316L (CF8M/CF3M)          | 1/2 NPT                         | Yes                        |
|                                                  | Dual Certified SS 316/316L (CF8M/CF3M)          | M20                             | Yes                        |
| b. Output/ Protocol                              | Analog Output                                   |                                 | Digital Protocol           |
|                                                  | 4-20mA dc                                       |                                 | HART Protocol              |
|                                                  | 4-20mA dc                                       |                                 | DE Protocol                |
| c. Customer Interface Selections                 | Indicator                                       | Ext Zero, Span & Config Buttons | Languages                  |
|                                                  | None                                            | None                            | None                       |
|                                                  | None                                            | Yes (Zero/Span Only)            | None                       |
|                                                  | Advanced                                        | None                            | EN, GE, FR, IT, SP, RU, TU |
|                                                  | Advanced                                        | Yes                             | EN, GR, FR, IT, SP, RU, TU |
|                                                  | Advanced                                        | None                            | EN, CH, JP                 |
|                                                  | Advanced                                        | Yes                             | EN, CH, JP                 |
|                                                  | Standard (w/internal Zero, Span & Conf Buttons) | None                            | EN, RU                     |
|                                                  | Standard (w/internal Zero, Span & Conf Buttons) | Yes                             | EN, RU                     |

|      |   |   |   |   |   |
|------|---|---|---|---|---|
| A __ | * | * | * | * | * |
| B __ | * | * | * | * | * |
| C __ | * | * | * | * | * |
| D __ | * | * | * | * | * |
| E __ | * | * | * | * | * |
| F __ | * | * | * | * | * |
| G __ | * | * | * | * | * |
| H __ | * | * | * | * | * |

|       |   |   |   |   |   |
|-------|---|---|---|---|---|
| _ H _ | * | * | * | * | * |
| _ D _ | * | * | * | * | * |

|      |   |   |   |   |   |
|------|---|---|---|---|---|
| __ 0 | * | * | * | * | * |
| __ A | * | * | * | * | * |
| __ D | * | * | * | * | * |
| __ E | * | * | * | * | * |
| __ H | * | * | * | * | * |
| __ J | * | * | * | * | * |
| __ S | u | u | u | u | u |
| __ T | u | u | u | u | u |

| TABLE V                                            | CONFIGURATION SELECTIONS                                |                |                                       |
|----------------------------------------------------|---------------------------------------------------------|----------------|---------------------------------------|
| a. Application Software                            | Diagnostics                                             |                |                                       |
|                                                    | Standard Diagnostics                                    |                |                                       |
| b. Output Limit, Failsafe & Write Protect Settings | Write Protect                                           | Fail Mode      | High & Low Output Limits <sup>3</sup> |
|                                                    | Disabled                                                | High> 21.0mAdc | Honeywell Std (3.8 - 20.8 mAdc)       |
|                                                    | Disabled                                                | Low< 3.6mAdc   | Honeywell Std (3.8 - 20.8 mAdc)       |
|                                                    | Enabled                                                 | High> 21.0mAdc | Honeywell Std (3.8 - 20.8 mAdc)       |
|                                                    | Enabled                                                 | Low< 3.6mAdc   | Honeywell Std (3.8 - 20.8 mAdc)       |
| c. General Configuration                           | General Configuration                                   |                |                                       |
|                                                    | Factory Standard                                        |                |                                       |
|                                                    | Custom Configuration (Unit Data Required from customer) |                |                                       |

|      |   |   |   |   |   |
|------|---|---|---|---|---|
| 1 __ | * | * | * | * | * |
|------|---|---|---|---|---|

|       |   |   |   |   |   |
|-------|---|---|---|---|---|
| _ 1 _ | * | * | * | * | * |
| _ 2 _ | * | * | * | * | * |
| _ 3 _ | * | * | * | * | * |
| _ 4 _ | * | * | * | * | * |

|      |   |   |   |   |   |
|------|---|---|---|---|---|
| __ S | * | * | * | * | * |
| __ C | * | * | * | * | * |

<sup>2</sup> Left side/Right side as viewed from the customer connection perspective

<sup>3</sup> NAMUR Output Limits are configurable by customer

| TABLE VI                 | CALIBRATION & ACCURACY SELECTIONS |                             |                    |
|--------------------------|-----------------------------------|-----------------------------|--------------------|
| Accuracy and Calibration | Accuracy                          | Calibrated Range            | Calibration Qty    |
|                          | Standard                          | Factory Standard            | Single Calibration |
|                          | Standard                          | Custom (Unit Data Required) | Single Calibration |
|                          | High Accuracy                     | Factory Standard            | Single Calibration |
|                          | High Accuracy                     | Custom (Unit Data Required) | Single Calibration |

|   |        |                |                |        |                |
|---|--------|----------------|----------------|--------|----------------|
|   | STG79L | STG77L, STG78L | STG73L, STG74L | STG770 | STG730, STG740 |
| A | *      | *              | *              | *      | *              |
| B | *      | *              | *              | *      | *              |
| E | s      | s              | s              | s      | s              |
| F | s      | s              | s              | s      | s              |

| TABLE VII                               | ACCESSORY SELECTIONS                                              |              |
|-----------------------------------------|-------------------------------------------------------------------|--------------|
| a. Mounting Bracket                     | Bracket Type                                                      | Material     |
|                                         | None                                                              | None         |
|                                         | Angle Bracket                                                     | Carbon Steel |
|                                         | Angle Bracket                                                     | 304 SS       |
|                                         | Angle Bracket                                                     | 316 SS       |
|                                         | Marine Approved Bracket                                           | Carbon Steel |
|                                         | Marine Approved Bracket (In-Line)                                 | Carbon Steel |
|                                         | Marine Approved Bracket                                           | 304 SS       |
|                                         | Marine Approved Bracket (In-Line)                                 | 304 SS       |
|                                         | Flat Bracket                                                      | Carbon Steel |
|                                         | Flat Bracket                                                      | 304 SS       |
|                                         | Flat Bracket                                                      | 316 SS       |
| b. Customer Tag                         | Customer Tag Type                                                 |              |
|                                         | No customer tag                                                   |              |
|                                         | One Wired Stainless Steel Tag (Up to 4 lines 26 char/line)        |              |
|                                         | Two Wired Stainless Steel Tag (Up to 4 lines 26 char/line)        |              |
| c. Unassembled Conduit Plugs & Adapters | Unassembled Conduit Plugs & Adapters                              |              |
|                                         | No Conduit Plugs or Adapters Required                             |              |
|                                         | 1/2 NPT Male to 3/4 NPT Female 316 SS Certified Conduit Adapter   |              |
|                                         | 1/2 NPT 316 SS Certified Conduit Plug                             |              |
|                                         | M20 316 SS Certified Conduit Plug                                 |              |
|                                         | Minifast® 4 pin (1/2 NPT) (not suitable for X-Proof applications) |              |
|                                         | Minifast® 4 pin (M20) (not suitable for X-Proof applications)     |              |

|   |     |   |   |   |   |   |
|---|-----|---|---|---|---|---|
| 0 | --- | * | * | * | * | * |
| 1 | --- | * | * | * | * | * |
| 2 | --- | * | * | * | * | * |
| 3 | --- | * | * | * | * | * |
| 8 | --- | * | * | * | * | * |
| 9 | --- | * | * | * | * | * |
| 4 | --- | * | * | * | * | * |
| A | --- | * | * | * | * | * |
| 5 | --- | * | * | * | * | * |
| 6 | --- | * | * | * | * | * |
| 7 | --- | * | * | * | * | * |

|   |     |   |   |   |   |   |
|---|-----|---|---|---|---|---|
| 0 | --- | * | * | * | * | * |
| 1 | --- | * | * | * | * | * |
| 2 | --- | * | * | * | * | * |

|    |     |   |   |   |   |   |
|----|-----|---|---|---|---|---|
| A0 | --- | * | * | * | * | * |
| A2 | --- | n | n | n | n | n |
| A6 | --- | n | n | n | n | n |
| A7 | --- | m | m | m | m | m |
| A8 | --- | n | n | n | n | n |
| A9 | --- | m | m | m | m | m |

| TABLE VIII                | OTHER Certifications & Options: (String in sequence comma delimited (XX, XX, XX,...)) |
|---------------------------|---------------------------------------------------------------------------------------|
| Certifications & Warranty | No additional options                                                                 |
|                           | NACE MR0175; MR0103; ISO15156 (FC33338) Process wetted parts only                     |
|                           | NACE MR0175; MR0103; ISO15156 (FC33339) Process wetted and non-wetted parts           |
|                           | Marine (DNV, ABS, BV, KR, LR)                                                         |
|                           | EN10204 Type 3.1 Material Traceability (FC33341)                                      |
|                           | Certificate of Conformance (F3391)                                                    |
|                           | Calibration Test Report & Certificate of Conformance (F3399)                          |
|                           | Certificate of Origin (F0195)                                                         |
|                           | FMEDA (SIL 2/3) Certification (FC33337)                                               |
|                           | Over-Pressure Leak Test Certificate (1.5X MAWP) (F3392) for Transmitter Only          |
|                           | Helium Leak Test for Transmitter Only                                                 |
|                           | Cert Clean for O <sub>2</sub> or CL <sub>2</sub> service per ASTM G93                 |
|                           | PMI Certification <sup>1</sup>                                                        |
|                           | Extended Warranty Additional 1 year for Transmitter Only                              |
|                           | Extended Warranty Additional 2 years for Transmitter Only                             |
|                           | Extended Warranty Additional 3 years for Transmitter Only                             |
|                           | Extended Warranty Additional 4 years for Transmitter Only                             |
|                           | Integrate Manifold with combined TP test for assembly                                 |
|                           | Detailed Manifold configuration required                                              |
|                           | Integrate Manifold with combined Helium leak test for assembly                        |
|                           | Detailed Manifold configuration required                                              |

|    |   |   |   |   |   |   |
|----|---|---|---|---|---|---|
| 00 | * | * | * | * | * | * |
| FG | * | * | * | * | * | * |
| F7 | c | c | c | c | c | c |
| MT | d | d | d | d | d | d |
| FX | * | * | * | * | * | * |
| F3 | * | * | * | * | * | * |
| F1 | * | * | * | * | * | * |
| F5 | * | * | * | * | * | * |
| FE | j | j | j | j | j | j |
| TP | * | * | * | * | * | * |
| HT | * | * | * | * | * | * |
| OX | e | e | e | e | e | e |
| PM | * | * | * | * | * | * |
| 01 | * | * | * | * | * | * |
| 02 | * | * | * | * | * | * |
| 03 | * | * | * | * | * | * |
| 04 | * | * | * | * | * | * |
| MI | 1 | 1 | 1 | 1 | 1 | 1 |
| MH | 1 | 1 | 1 | 1 | 1 | 1 |

\*: TP combined test is carried out at 1.5 times of lowest pressure rating of any of the transmitter or the manifold.

| TABLE IX | Manufacturing Specials |
|----------|------------------------|
| Factory  | Factory Identification |

|      |   |   |   |   |   |   |
|------|---|---|---|---|---|---|
| 0000 | * | * | * | * | * | * |
|------|---|---|---|---|---|---|

**RESTRICTIONS**

| Restriction Letter | Available Only with                    |              | Not Available with |                            |
|--------------------|----------------------------------------|--------------|--------------------|----------------------------|
|                    | Table                                  | Selection(s) | Table              | Selection(s)               |
| a                  |                                        |              | VIII               | FG, F7                     |
| c                  | Id                                     | 0,N,K,D,B    | I a                | D,H,K,L                    |
| d                  | IV a                                   | C,D,G,H      | VIIa               | 1,2,3,5,6,7                |
| e                  | Ib                                     | 2            |                    |                            |
| h                  |                                        |              | Ie                 | 4, 5, 6                    |
| j                  | IV b                                   | H            | VIIa               | 1,2,3,4,5,6,7,8            |
| m                  | IV a                                   | B,D,F,H      | Vb                 | 1,2                        |
| n                  | IV a                                   | A,C,E,G      |                    |                            |
| p                  |                                        |              | III                | B- No CRN number available |
| s                  | I a                                    | A, E         |                    |                            |
| t                  |                                        |              | Ia                 | J, K, L                    |
| u                  | IVb                                    | H            |                    |                            |
| 1                  |                                        |              | VIII               | TP,HT                      |
| b                  | Select Only one option from this group |              |                    |                            |

<sup>1</sup>The PM option is available on all Smartline Pressure Transmitter process wetted parts such as process heads, flanges, bushings and vent plugs except plated carbon steel process heads and flanges. PM option information is also available on diaphragms except STG and STA in-line construction pressure transmitters.

**FIELD INSTALLABLE ACCESSORY KITS**

| Description                                                                        | Kit Number   |
|------------------------------------------------------------------------------------|--------------|
| Integrally Mounted Advanced Indicator Kit (compatible with all Electronic Modules) | 50049846-501 |
| Standard Display Module                                                            | 50126003-501 |
| Terminal Strip w/ Lightning Protection Kit for HART or DE Modules                  | 50075472-532 |
| Terminal Strip w/ Lightning Protection Kit for FFB Module                          | 50075472-534 |
| Terminal Strip w/o Lightning Protection for HART or DE Modules                     | 50075472-531 |
| Terminal Strip w/o Lightning Protection FFB-Module                                 | 50075472-533 |
| HART Electronics Module                                                            | 50049849-501 |
| HART Electronics Module w/ connection for external configuration buttons           | 50049849-502 |
| DE Electronics Module                                                              | 50049849-503 |
| DE Electronics Module w/ connection for external configuration buttons             | 50049849-504 |
| FFB Electronics Module Kit                                                         | 50049849-509 |
| FFB Electronics Module w/ connection for external configuration buttons            | 50049849-510 |

Note P - For part number pricing please refer to E-Commerce portal.

**PRODUCT MANUALS**

| Description                                                      | Part Number |
|------------------------------------------------------------------|-------------|
| ST 700 Smart Transmitter User Manual - English                   | 34-ST-25-44 |
| ST 700 Smart Transmitter HART/DE Communications Manual - English | 34-ST-25-47 |
| sT 700 Smart Transmitter Safety Manual - English                 | 34-ST-25-37 |
| ST700 Smart Transmitter Foundation Fieldbus Manual - English     | 34-ST-25-48 |
| ST 700 Smart Transmitter Function Block Manual - English         | 34-ST-25-49 |

All product documentation is available at [www.honeywellprocess.com](http://www.honeywellprocess.com).

## Sales and Service

For application assistance, current specifications, ordering, pricing, and name of the nearest Authorized Distributor, contact one of the offices below.

### ASIA PACIFIC

Honeywell Process Solutions,  
Phone: + 800 12026455 or  
+44 (0) 1202645583

(TAC) [hfs-tac-support@honeywell.com](mailto:hfs-tac-support@honeywell.com)

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Phone: +(61) 7-3846 1255  
FAX: +(61) 7-3840 6481  
Toll Free 1300-36-39-36  
Toll Free Fax:  
1300-36-04-70

#### China – PRC - Shanghai

Honeywell China Inc.  
Phone: (86-21) 5257-4568  
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#### South Korea

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Fax: +(822) 792 9015

### EMEA

Honeywell Process Solutions,  
Phone: + 800 12026455 or  
+44 (0) 1202645583

#### Email: (Sales)

[FP-Sales-Apps@Honeywell.com](mailto:FP-Sales-Apps@Honeywell.com)

or

(TAC)

[hfs-tac-support@honeywell.com](mailto:hfs-tac-support@honeywell.com)

#### Web

Knowledge Base search  
engine <http://bit.ly/2N5Vldi>

### AMERICAS

Honeywell Process Solutions,  
Phone: (TAC) (800) 423-9883  
or (215) 641-3610  
(Sales) 1-800-343-0228

#### Email: (Sales)

[FP-Sales-Apps@Honeywell.com](mailto:FP-Sales-Apps@Honeywell.com)

or

(TAC)

[hfs-tac-support@honeywell.com](mailto:hfs-tac-support@honeywell.com)

#### Web

Knowledge Base search  
engine <http://bit.ly/2N5Vldi>

*Specifications are subject to change without notice.*

### For more information

To learn more about SmartLine Pressure  
Transmitters visit  
[www.process.honeywell.com](http://www.process.honeywell.com)  
Or contact your Honeywell Account Manager

### Process Solutions

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1250 W Sam Houston Pkwy S  
Houston, TX 77042

Honeywell Control Systems Ltd  
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Shanghai, China 20061

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