The electrical level transmitter with welded flange - side mounting

The PL3701-I-W Electronic Level Transmitter is a linearized, ceramic device specially designed for petroleum and chemical applications that measure level in service tanks, ballast tanks or slop and water tanks. It features an IP68-rated sensor through 316 L stainless steel housing and shielded polyester cable. The remote electronic box in stainless steel 316L includes the amplifier with zero and span adjustment.
**Technical Data**

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ranges:</strong></td>
<td>120 mbar to 4 bar</td>
</tr>
<tr>
<td><strong>Overpressure:</strong></td>
<td>6 to 25 bar</td>
</tr>
<tr>
<td><strong>Accuracy:</strong></td>
<td>±0.3% FS at 20°C</td>
</tr>
</tbody>
</table>
| **Protection class:** | Transducer: IP68  
|                     | Remote electronic box: IP68/67 |
| **Intrinsic safety:** | IECEx, ATEX.  
|                     | I1 G D  
|                     | Ex ia IIC T6 Ga or Ex ia IIB T6 Ga  
|                     | Ex ia III C T80°C Da IP66/67 |
| **Power supply:**   | 12-28 Vdc     |
| **Output signal:**  | 4-20 mA, 2-wires |
| **Operating temperature ranges:** |  
| - Transducer: | -40° to +125°C |
| - Remote electronic box: | -25° to +85°C |
| **Cable length:**   | 3m in standard (option: up to 50m) |

**Special Features**

- Remote box: Stainless steel 316L.
- Sensor: Stainless steel 316L.
- Diaphragm: Ceramic.
- Flange: Stainless steel 316L.
- Cable: Polyethylene (fire retardant).

Recommended zener barrier for installation in hazardous area: MTL7787+.

Sensor up to max 125°C.

Polyethylene cable up to max 60°C (standard).

PTFE cable up to max 120°C (optional).

2 or 3 flexible conduits (optional).

Screwed ISO flange: PN40DN25 or PN16DN40

**Technical Documentation**

- Installation manual: MI5090
- Technical manual: NT5090
- Maintenance manual: MM5090

---

Honeywell Marine SAS  
9, rue Isaac Newton  
ZA Port Sec Nord, Esprit 1  
18000 Bourges – France  
Phone: + 33 (0) 248 237 901  
Fax: + 33 (0) 248 237 903  
E-Mail: contact.marine@honeywell.com  
www.honeywellmarine.com