Honeywell LP and LE Series Pressure Switches
Product Nomenclature

Honeywell

For example, a **LPR00550PFPVKAAA01** defines a low pressure switch, rising factory set, non-adjustable set point, 55 psi set point, psig, sealed gage pressure unit, M14 x 1.5 port type, SPST-NO gold-plated contacts output, stainless steel base, Kapton® diaphragm (Teflon® coated), Nitrile O-ring actuation/application, spade terminal connectors, standard switch, individually boxed units.

Series

LP Series, LE Series Low Pressure Switch

Set Point

R	Rising factory set, non-adjustable
F	Falling factory set, non-adjustable
T	Rising, field adjustable*
C	Falling, field adjustable*

* Field adjustable option is only available for:
1. Blade and screw terminations (SPDT, SPNO, SPNC)
2. Deutsch DT04-3P (SPDT, SPNO, SPNC)
3. Amp Superseal 1.5 (3-pin) (SPNO & SPNC)

Pressure Set Point

0,24 bar to 10,34 bar [3.5 psi to 150 psi]

NOTE:
Pressure set point is always five digits.

For bar, the set point value will be multiplied by 100 and entered in the listing. For example, 15,45 Bar is noted as 01545. This allows for 2 decimal places.

For psi, the set point value will be multiplied by 10 and entered in the listing. For example, 245.5 psi is noted as 02455. This allows for 1 decimal place.

Pressure Unit

P	psig, sealed gage
B	bar, sealed gage
M	bar, true gage
T	psig, true gage
G	psig, sealed gage with epoxy
H	bar, sealed gage with epoxy

Blade and screw electrical terminations are available with only the the true gage option.

True gage option is available only up to 20 psig set point for integral connectors and wire out electrical terminations.

Port Type

A	1/4-18 NPT
B	1/8-27 NPT
C	1/2-20 UNF
D	1/8-27 PTF
E	M12 x 1.5
F	M14 x 1.5
G	9/16-18 UNF
H	3/4-16 UNF
J	G1/8 BSPP
M	7/16-20 UNF
R	R1/8 BSPT
T	M10 × 1.0
V	R1/2 BSPT
Y	G1/4 BSPP
Z	R1/4 BSPT

Output

P	SPST-NO, gold-plated contacts
M	SPST-NC, gold-plated contacts
Y	SPDT-NO/NC, gold-plated contacts
E	NO, with 510 Ω/ 1 W & 160 Ω/ 1 W resistors
F	NC, with 3000 Ω/ 0.125 W resistor

Base

B	Brass
N	Cold-rolled steel
V	Stainless steel
D	Cold-rolled steel, bigger orifice
E	Brass, bigger orifice
F	Stainless steel, bigger orifice

Bigger orifice - Ø 0.213

Actuation/ Application

K	Kapton diaphragm (Teflon coated), Nitrile O-ring[1]
H	Kapton diaphragm (Teflon coated), EPDM O-ring[2]
T	Tefzel diaphragm, Nitrile O-ring[3]
U	Tefzel diaphragm, EPDM O-ring[4]

[1] Air, Petroleum-based hydraulic fluid, engine oil
[2] Glycol-based fluid
[3] For high temperature fluid media
[4] For high temperature fluid media, glycol-based fluid

Connector Type

AA	1/4 in Spade Terminals
BA	Screw Terminals
CA	Deutsch DT04-3P-E005 (3-Pin Connector)
DA	Amp Super Seal 1.5 - 282105-1 (3-Pin Connector)**
EA	10-inch Cable, 18 AWG (Wire Out, No Connector)*
FA	10-inch Cable w/Deutsch DT04-3P-E005 (3-Pin Connector) (16 AWG)*
GA	10-inch Cable w/Amp Super Seal 1.5 - 282105-1 (3-Pin Connector) (18 AWG)*
HA	10-inch Cable w/Metripack 280 Delphi 15300002 (2-Pin Connector) (18 AWG)*
JA	10-inch Cable w/ Din43650-C (3-Pin Connector) (18 AWG)*
KA	10-inch Cable w/M12x1 (Brad Harrison Micro) - 21032121306 Harting P/N (3-Pin Connector) (18 AWG)*
LA	10-inch Cable w/Packard Weatherpack Male Terminal - 12020827 (3-Pin Connector) (18 AWG)*
MA	10-inch Cable w/Deutsch DT04-2P-E005 (2-Pin Connector) (18 AWG)
NA	3-inch Cable w/Packard 2P Tower Connector - 12015792 (2-Pin Connector) (18 AWG)
PA	2.75-inch Cable w/Packard 2P Shroud Connector - 12010973 (2-Pin Connector) (18 AWG)
RA	4-inch Cable w/Packard 2P Shroud Connector - 12010973 (2-Pin Connector) (16 AWG)
SA	5.5-inch Cable w/ITT Cannon 2P Sure-Seal Circular Connector - SS2R-120-1804-000 (2-Pin Connector) (18 AWG)
TA	8.5-inch Cable w/ITT Cannon 3P Sure-Seal Circular Connector - SS3R-120-8551-001 (3-Pin Connector) (16 AWG)*
UA	10-inch Cable - Vacuum Impregnated w/Deutsch DT06-3S-EP06 (3-Socket Connector) (16 AWG)*
VA	10-inch Cable - Vacuum Impregnated w/Deutsch DT04-3P-E005 (3-Pin Connector) (16 AWG)*
WA	4.5-inch Cable w/ 1/4 in Spade Terminals 6,3 mm x 0,8 mm (16 AWG)*
XA	10-inch Cable w/ Metripack 2-Pin Shroud Connector 153000287 (18 AWG)
YA	6-inch Cable w/Amp Super Seal 1.5 - 282104-1 (2-Pin Connector) (18 AWG)*
ZA	10-inch Cable w/Deutsch DT06-2S-CE06 (2-Socket Connector) (18 AWG)
AB	Deutsch DT04-2P-E005 (2-Pin Connector)
BB	10-inch Cable w/Metripack 150 Delphi 12129615 (3-Pin Connector) (18 AWG)*
CB	6-inch Cable with Amp Super Seal 1.5 - 282080-1 (2-Pin Connector) (18 AWG)
DB	10-inch Cable w/AMP 2,5 mm System Series Connector 1-967402-1 (18 AWG)*
EB	4.5-inch Cable w/Packard Shroud Connector 12015792 (2-Pin Connector) (18 AWG)
FB	10-inch Cable w/Metripack 150 Delphi 12052641 (2-Pin Connector) (18 AWG)
GB	8.5-inch Cable w/Deutsch Plug HD 16-3 96S (3-Pin Connector) (16 AWG)

*These connectors are designed for dual circuit (SPDT) by default. They can be used for single-circuit applications (SPNC/SPNO) by making suitable connections. Refer to wiring diagram.
**For electrical termination with SPST option, only SPNO configuration is available. SPNC configuration cannot be provided.

Options

A	Standard switch
B	With 3 shrink sleeve
C	With shrink sleeve (plastic coating)
D	With shrink sleeve (acrylic coating)
F	304,8 mm [12 in] total wire length
G	With conduit sleeve
K	914,4 mm [36 in] total wire length
L	304,8 mm [12 in] total wire length with acrylic sleeve
M	914,4 mm [36 in] total wire length with acrylic sleeve

*** For screw terminal option only

Packaging Options

01	Individually boxed units
15	25 individual boxes packed in bulk packaging
20	150 units in bulk packaging

NOTE: Not all combinations of model code are available.
Please contact your Honeywell provider/representative for assistance.

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