

Honeywell LP and LE Series Pressure Switches

Product Nomenclature



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.

LP	R	00550	P	F	P	V	K	AA	A	01
Series	Set Point	Pressure Set Point	Pressure Unit	Port Type	Output	Base	Actuation/ Application	Connector Type	Options	Packaging Options
LP Series, LE Series Low Pressure Switch	R Rising factory set, non-adjustable F Falling factory set, non-adjustable T Rising, field adjustable* C Falling, field adjustable*	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.	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	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 x 1.0 V R1/2 BSPT Y G1/4 BSPP Z R1/4 BSPT	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	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	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	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/TT Cannon 2P Sure-Seal Circular Connector - SS2R-120-1804-000 (2-Pin Connector) (18 AWG) TA 8.5-inch Cable w/TT 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)	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	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.

*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.