Product data sheet
Characteristics

9012GJW1
Pressure switch 9012G, adjustable scale, 2 thresholds, 0 to 5000 PSIG

Main

Range of Product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure Rating	5000 psi (34473.8 kPa)
Maximum pressure	7500 psi
Contacts type and composition	NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil -26…121 °C (-15…250 °F)) Non-corrosive liquids Air Non-corrosive gas
Fluid connection type	0.25 inch 18 NPTF UL 508
Pressure switch type of operation	Monitors the difference between 2 thresholds
Scale type	Adjustable differential
Local display	Without

Complementary

Range on decreasing pressure	0…5000 psi (0.0000000000…34473.8 kPa)
Approx adjustable differential at mid range	80…200 Psi (551.6…1379.0 kPa) increasing 15…825 psi (103.4…5688.2 kPa) decreasing +/- 2.5 % full scale
Cable entry	0.5 inch NPT conduit entrance
Terminal block type	4 screw terminals
Electrical connection	Screw-clamp terminals, AWG 22...AWG 12
Electrical circuit type	Control circuit
Local signalling	Without
Line Rated Current	3 A 240 V AC A600 NEMA rating designation 0.22 A 125 V DC A600 NEMA rating designation 0.27 A 250 V DC R300 NEMA rating designation 0.22 A 125 V DC R300 NEMA rating designation
Setting	Internal
Enclosure Material	Die cast aluminium alloy 380
Pressure actuator	Piston
Height	8.55 in (217.17 mm)
Depth	2.63 in (66.80 mm)
Width	3.5 in (88.9 mm)
Operating position	Any position
Materials in contact with fluid	Teflon Nitrile (Buna-N)
Short-circuit protection	10 A cartridge overload and short-circuit protection gL
Maximum operating rate	120 cyc/mn
Mechanical durability	3000000 cycles
Repeat accuracy	4 %
Net Weight	2.5 lb(US) (1.1 kg)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Environment

Vibration resistance	2 gn 40…150 Hz)IEC 68-2-6
Shock resistance	50 gn IEC 58-2-27
Standards	UL 508 CE CSA C22.2 No 14
Product Certifications	UL listed file E12158 CCN NKPZ and CCN NTHT[RETURN]CSA LR25490 class 3211 03[RETURN]CE
NEMA degree of protection	NEMA 4/4X/13 UL 50
Ambient Air Temperature for Operation	-23…85 °C (-10…185 °F)

Ordering and shipping details

Category	US1CP7G21522
Discount Schedule	CP7G
GTIN	785901048718
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.50 in (24.13 cm)
Package 1 Width	6.25 in (15.875 cm)
Package 1 Length	4.75 in (12.065 cm)
Package 1 Weight	2.500 lb(US) (1.134 kg)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Not applicable, out of EU RoHS legal scope

Contractual warranty

Warranty	18 months