

Main

Range of Product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure Rating	5600 psi (38610.6 kPa)
Maximum pressure	20000 psi
Contacts type and composition	NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil -15...250 °F (-26...121 °C)) Selected corrosive gases Air Non-corrosive gas
Fluid connection type	0.25 inch 18 NPTF UL 508
Pressure switch type of operation	Regulation between 2 thresholds
Scale type	Adjustable differential
Local display	With range scale window

Complementary

Range on decreasing pressure	170...5600 psi (1172.1...38610.6 kPa)
Approx adjustable differential at mid range	289...1260 psi (1992.58...8687.39 kPa) +/- 2.5 % full scale
Terminal block type	4 screw terminals
Electrical connection	1 male connector mini) 5 pins
Terminal identifier	(1-5)NO
Electrical circuit type	Control circuit
Local signalling	1 neon clear) 120 V AC/DC 105...125 V)
Line Rated Current	0.22 A 125 V DC 6 A 120 V AC A600 NEMA rating designation 0.11 A 250 V DC R300 NEMA rating designation
Setting	Internal
Enclosure Material	Die cast aluminium alloy 380
Pressure actuator	Piston
Height	6.37 in (161.80 mm)
Depth	3.11 in (78.99 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	3 lb(US) (1.4 kg)

Environment

Vibration resistance	2 gn 40...150 Hz)IEC 68-2-6
Shock resistance	50 gn IEC 58-2-27
Standards	CE CE CSA C22.2 No 14
Product Certifications	CSA LR25490 class 3211 03[RETURN]UL listed file E12443 CCN NOWT[RETURN]CSA LR26817 class 3218 02
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	785901750444
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	24.13 in (61.29 cm)
Package 1 Width	9.50 in (24.13 cm)
Package 1 Length	61.29 in (155.677 cm)
Package 1 Weight	3.0005 lb(US) (1.361 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
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