

Main

Range of Product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure Rating	675 psi (4654.0 kPa)
Maximum pressure	2000 psi
Contacts type and composition	NC-NO, SPDT, Form C, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil -40...121 °C (-40...250 °F) Non-corrosive liquids -40...121 °C (-40...250 °F) Air -40...121 °C (-40...250 °F) Non-corrosive gas -40...121 °C (-40...250 °F)
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	Without

Complementary

Range on decreasing pressure	90...2900 psi (620.5...19994.8 kPa)
Approx adjustable differential at mid range	19...98 psi (131.0004...675.7 kPa) +/- 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
Terminal identifier	(2-4)NC (3)gnd
Electrical circuit type	Control circuit
Local signalling	Without
Line Rated Current	3 A 240 V AC A600 NEMA rating designation 3 A 120 V AC 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	Thermoplastic
Pressure actuator	Diaphragm nitrile (Buna-N)
Height	6.84 in (173.74 mm)
Depth	2.75 in (69.85 mm)
Width	2.21 in (56.13 mm)
Operating position	Any position
Materials in contact with fluid	Nitrile (Buna-N) Nitrile (Buna-N)
Short-circuit protection	10 A cartridge overload and short-circuit protection gL
Maximum operating rate	120 cyc/mn
Mechanical durability	5000000 cycles
Repeat accuracy	4 %
Net Weight	2 lb(US) (0.9 kg)

Environment

Vibration resistance	2 gn 40...150 Hz)IEC 68-2-6
Shock resistance	50 gn IEC 58-2-27
Standards	UL 508 CSA C22.2 No 14 CE
Product Certifications	UL Listed[RETURN]CSA LR25490 class 3211 03
NEMA degree of protection	NEMA 1 UL 50
Ambient Air Temperature for Operation	-23...85 °C (-10...185 °F)


Ordering and shipping details

Category	US1CP7G21522
Discount Schedule	CP7G
GTIN	785901476474
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.80 in (9.652 cm)
Package 1 Width	9.50 in (24.13 cm)
Package 1 Length	3.80 in (9.652 cm)
Package 1 Weight	29.760 oz (843.682 g)

Offer Sustainability

SCIP Number	2583cb1c-4f92-48e8-b07f-13f46b1cbe57
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	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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