

Main

Range of Product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure Rating	150 psi (1034.2 kPa)
Maximum pressure	475 psi
Contacts type and composition	NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil -40...121 °C (-40...250 °F)) Selected corrosive gases -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	3...150 psi (20.7...1034.2 kPa)
Approx adjustable differential at mid range	9...35 psi (62.05...241.3 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
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	Cast Aluminium
Pressure actuator	Diaphragm nitrile (Buna-N)
Height	7.2 in (182.9 mm)
Depth	5.34 in (135.64 mm)
Width	7.13 in (181.10 mm)
Operating position	Any position
Materials in contact with fluid	Zinc plated steel Viton fluorocarbon
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	18.5 lb(US) (8.4 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]UL listed HazLoc[RETURN]CSA LR26817 class 3218 02[RETURN]CSA LR25490 class 3211 03
NEMA degree of protection	NEMA 7/9 UL 698
Ambient Air Temperature for Operation	-23...85 °C (-10...185 °F)

Ordering and shipping details

Category	US1CP7G21522
Discount Schedule	CP7G
GTIN	785901025085
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.81 in (29.997 cm)
Package 1 Width	11.75 in (29.845 cm)
Package 1 Length	6.00 in (15.24 cm)
Package 1 Weight	18.501 lb(US) (8.392 kg)

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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