

9012GAR25

Pressure switch 9012G, adjustable scale, 2 thresholds, 3.0 to 150 PSIG



Main

Range of Product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure Rating	150 psi (1034.21 kPa)
Maximum pressure	475 psi
Contacts type and composition	2(NC-NO), DPDT-DB, Form ZZ, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil -40...250 °F (-40...121 °C)) Selected corrosive gases -40...250 °F (-40...121 °C)) Air -40...250 °F (-40...121 °C)) Non-corrosive gas -40...250 °F (-40...121 °C))
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 (20.68...1034.21 kPa)
Approx adjustable differential at mid range	9...35 psi (62.05...241.32 kPa) +/- 2.5 % full scale
Cable entry	0.5 inch NPT conduit entrance
Terminal block type	8 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 6 A 120 V AC A600 NEMA rating designation 0.27 A 250 V DC R300 NEMA rating designation 0.11 A 250 V DC R300 NEMA rating designation
Setting	Internal
Enclosure Material	Cast Aluminium
Pressure actuator	Diaphragm nitrile (Buna-N)
Height	7.2 in (182.88 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 Stainless steel 316
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) (8.39 kg)

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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 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	-10...185 °F (-23...85 °C)

Ordering and shipping details

Category	US1CP7G21522
Discount Schedule	CP7G
GTIN	785901165804
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	30.48 in (77.419 cm)
Package 1 Width	12.00 in (30.48 cm)
Package 1 Length	77.42 in (196.645 cm)
Package 1 Weight	18.50 lb(US) (8.391 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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months
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