Product data sheet

Specifications



9012G, pressure switch 9012 g, fixed scale, 1 threshold, 3.0 to 150 PSIG

9012GRG5

Product availability : Stock - Normally stocked in distribution facility

Price* : 223.00 USD

Main

Range of Product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure sensor size	150 psi (1034.21 kPa)
Maximum pressure	475 psi
Contacts type and composition	NC-NO, SPDT, Form C, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil -40…250 °F (-40…121 °C)) Non-corrosive liquids Air Non-corrosive gas
Fluid connection type	0.25 inch 18 NPTF UL 508
Pressure switch type of operation	Detection of 1 single threshold
Scale type	Fixed differential
Local display	Without

Complementary

Range on decreasing pressure	3…150 psi (20.68…1034.21 kPa)
Approx fix differential at mid range	4.2 psi (28.96 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 6 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)

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

Height	6.94 in (176.28 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) Zinc plated steel
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) (0.91 kg)

Environment

Vibration resistance	2 gn 40…150 Hz)IEC 68-2-6
Shock resistance	50 gn IEC 58-2-27
Standards	CE CSA C22.2 No 14 UL 508
Product Certifications	CSA LR26817 class 3218 02 UL listed file E12158 CCN NKPZ CE
NEMA degree of protection	NEMA 1 UL 50
Ambient air temperature for operation	-10…185 °F (-23…85 °C)

Ordering and shipping details

Category	21522-9012 G INDUSTRIAL PRESSURE SWITCHES
Discount Schedule	CP7G
GTIN	785901476528
Number of Units in Package 1	1
Package 1 Weight	30.88 oz (875.433 g)
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	10.16 in (25.806 cm)
Package 1 Width	4.00 in (10.16 cm)
Package 1 Length	25.81 in (65.548 cm)

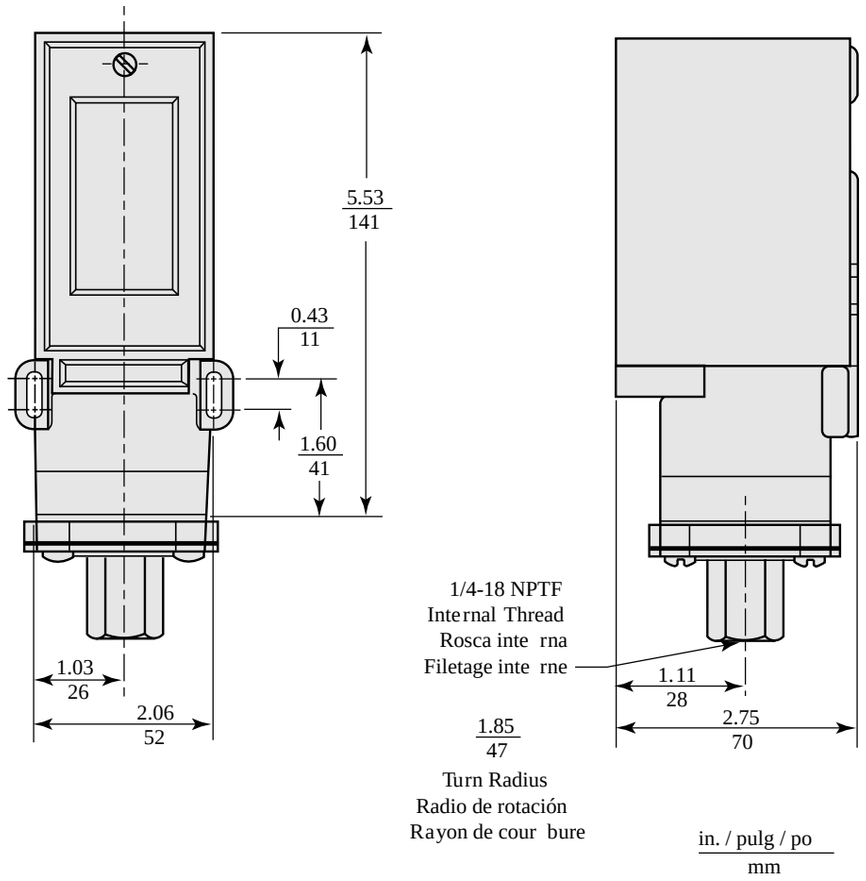
Offer Sustainability

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
REACh Regulation	REACh Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months

Dimensions



ALL DIMENSIONS ARE APPROXIMATE.
REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.

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