

Product data sheet

Characteristics

9012GNG3

pressure switch 9012G - adjustable scale - 2 thresholds - 1.0 to 40 psig

Product availability : Non-Stock - Not normally stocked in distribution facility



Price* : 299.00 USD



Main

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure sensor size	40 psi (275.79 kPa)
Maximum pressure	100 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	Regulation between 2 thresholds
Scale type	Adjustable differential
Local display	Without

Complementary

Range on decreasing pressure	1...40 psi (6.89...275.79 kPa)
Approx adjustable differential at mid range	1.2...6 psi (8.27...41.37 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

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

0.22 A 125 V DC R300 NEMA rating designation

Setting	Internal
Enclosure material	Thermoplastic
Pressure actuator	Diaphragm nitrile (Buna-N)
Height	6.94 in (176.28 mm)
Maximum 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	UL 508 CSA C22.2 No 14 CE
Product certifications	CSA LR25490 class 3211 03 CE UL listed file E12158 CCN NKPZ
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	00785901476429
Nbr. of units in pkg.	1
Package weight(Lbs)	1.9 lb(US) (0.86 kg)
Returnability	No
Country of origin	MX

Packing Units

Package 1 Height	8.89 in (22.581 cm)
Package 1 width	3.50 in (8.890 cm)
Package 1 Length	22.58 in (57.355 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisobutyl phthalate (DINP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to www.p65warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months
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