Product data sheet

Specifications



Discontinued

pressure switch 9012G - adjustable scale - 2 thresholds - 3.0 to 150 psig

9012GAW5K1Q1

Discontinued on: 02 December 2020

End-of-service on: 31 December 2020

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

Price* : 387.00 USD

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	NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Selected corrosive liquids -40…250 °F (-40…121 °C)) Selected corrosive gases
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	With range scale window

Complementary

Range on decreasing pressure	3…150 psi (20.68…1034.21 kPa)
Control Type	With adjustment slotted for screwdriver
Approx adjustable differential at mid range	6…30 psi (41.37…206.84 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 Q600 NEMA rating designation
Setting	External
Enclosure Material	Die cast aluminium alloy 380

* 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

Pressure actuator	Diaphragm nitrile (Buna-N)
Height	5.72 in (145.29 mm)
Depth	2.63 in (66.80 mm)
Width	3.5 in (88.90 mm)
Operating position	Any position
Materials in contact with fluid	Stainless steel 316 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	3 lb(US) (1.36 kg)

Environment

Vibration resistance	2 gn 40…150 Hz)IEC 68-2-6
Shock resistance	50 gn IEC 58-2-27
Standards	UL 508 CE CSA C22.2 No 14
Product Certifications	CE UL listed file E12158 CCN NKPZ and CCN NTHT CSA LR25490 class 3211 03
NEMA degree of protection	NEMA 4/4X/13 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	00785901176411
Nbr. of units in pkg.	1
Package weight(Lbs)	3 lb(US) (1.36 kg)
Returnability	No
Country of origin	MX

Packing Units

Package 1 Height	24.13 in (61.290 cm)
Package 1 width	9.50 in (24.130 cm)
Package 1 Length	61.29 in (155.677 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

Recommended replacement(s)

9012GAW5K1Q1 is replaced by the following product range:



Pressure Switches - Square D™ NEMA,

A comprehensive range of Pressure switches, Vacuum switches and Float switches, compliant with US and international standards

Products: 903