Product data sheet

Specifications



Discontinued

pressure switch 9012G - fixed scale - 1 threshold - 170 to 5600 PSIG psig

9012GFW3G17

Discontinued on: 02 December 2020

End-of-service on: 31 December 2020

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

Price* : 659.00 USD

Main

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure Rating	5600 psi (38610.64 kPa)
Maximum pressure	20000 psi
Contacts type and composition	NC-NO, 2 SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil -15…250 °F (-26…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
Local display	Without

Complementary

Range on decreasing pressure	170…5600 psi (1172.11…38610.64 kPa)
Approx fix differential at mid range	289 psi (1992.58 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	1 neon clear) 120 V AC/DC 105...125 V)
Line Rated Current	6 A 120 V AC 0.22 A 125 V DC
Setting	Internal
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	Piston
Height	5.55 in (140.97 mm)
Depth	2.63 in (66.80 mm)
Width	3.5 in (88.90 mm)
Operating position	Any position
Materials in contact with fluid	303 stainless steel Viton fluorocarbon 440 stainless steel Teflon
Short-circuit protection	10 A cartridge overload and short-circuit protection gL
Maximum operating rate	120 cyc/mn
Mechanical durability	3000000 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	UL listed file E12158 CCN NKPZ CSA LR25490 class 3211 03 CE
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	00785901290810
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)

9012GFW3G17 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