

9012GCWM23

pressure switch 9012G - adjustable scale - 2
thresholds - 170 to 5600 psig



Main

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure sensor size	5600 psi (38610.64 kPa)
Maximum pressure	20000 psi
Contacts type and composition	2(NC-NO), DPDT-DB, Form ZZ, 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 BS2779 parallel pipe thread UL 508
Pressure switch type of operation	Regulation between 2 thresholds
Scale type	Adjustable differential
Local display	Without

Complementary

Range on decreasing pressure	170...5600 psi (1172.11...38610.64 kPa)
Approx adjustable differential at mid range	289...1260 psi (1992.58...8687.39 kPa) +/- 2.5 % full scale
Cable entry	20 mm BS4568 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 0.22 A 125 V DC R300 NEMA rating designation 0.11 A 250 V DC R300 NEMA rating designation
Setting	Internal
Enclosure material	Die cast aluminium alloy 380
Pressure actuator	Piston
Maximum Height	6.37 in (161.80 mm)
Maximum Depth	2.63 in (66.80 mm)
Maximum Width	3.5 in (88.90 mm)
Operating position	Any position
Materials in contact with fluid	303 stainless steel Teflon Viton fluorocarbon 440 stainless steel
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)

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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	CSA C22.2 No 14 UL 508 CE
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	00785901199540
Nbr. of units in pkg.	1
Package weight(Lbs)	3 lb(US) (1.36 kg)
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	9.50 in (24.13 cm)
Package 1 width	6.25 in (15.875 cm)
Package 1 Length	4.75 in (12.065 cm)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl 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	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months
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