9012GMW3

9012G, pressure switch 9012 g, fixed scale, 2 thresholds, 170 to 5600 PSIG

Main

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure rating	38610.64 kPa
Maximum pressure	20000 psi
Contacts type and composition	2(NC-NO), 2 SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil (-26…121 °C) Non-corrosive liquids Air Non-corrosive gas
Fluid connection type	0.25 inch 18 NPTF conforming to UL 508
Pressure switch type of operation	Regulates two separate pressure thresholds
Scale type	Fixed
Local display	Without

Complementary

Range on decreasing pressure	1172.11…38610.64 kPa
Approx fix differential at mid range	1896.06 KPa stage 1 +/- 60 psig +/- 2.5 % full scale 2757.90 kPa stage 2 +/- 100 psig
Cable entry	0.5 inch NPT 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:
[In] rated current	3 A 240 V AC A600 conforming to NEMA rating designation 6 A 120 V AC A600 conforming to NEMA rating designation 0.27 A 250 V DC R300 conforming to NEMA rating designation 0.22 A 125 V DC R300 conforming to NEMA rating designation
Setting	Internal
Enclosure material	Die cast aluminium alloy 380
Pressure actuator	Piston
Height	161.80 mm
Depth	66.80 mm
Width	88.90 mm
Operating position	Any position
Materials in contact with fluid	Teflon 303 stainless steel Viton fluorocarbon 440 stainless steel
Short-circuit protection	10 A cartridge overload and short-circuit protection, type gL
Maximum operating rate	120 cyc/mn
Mechanical durability	3000000 cycles
Repeat accuracy	4 %
Net weight	1.13 kg

Environment

Vibration resistance	2 gn (f= 40…150 Hz) conforming to IEC 68-2-6
Shock resistance	50 gn conforming to IEC 58-2-27
Standards	CE UL 508 CSA C22.2 No 14
Product certifications	CSA LR25490 class 3211 03 UL listed file E12158 CCN NKPZ and CCN NTHT CE
NEMA degree of protection	NEMA 4/4X/13 conforming to UL 50
Ambient air temperature for operation	-23…85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.134 kg
Package 1 Height	61.29 cm
Package 1 width	24.13 cm
Package 1 Length	155.677 cm

Offer Sustainability

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

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