

9012GFW1G18

Pressure switch 9012G, fixed scale, 1
threshold, 20 to 1000 PSIG PSIG

Main

Range of Product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure Rating	1000 psi (6894.8 kPa)
Maximum pressure	1000 psi
Contacts type and composition	NC-NO, 2 SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil -26...121 °C (-15...250 °F)) 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	20...1000 psi (137.9...6894.8 kPa)
Approx fix differential at mid range	59 psi (406.8 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 red) 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
Pressure actuator	Piston
Height	6.24 in (158.50 mm)
Depth	4.56 in (115.82 mm)
Width	5.05 in (128.27 mm)
Operating position	Any position
Materials in contact with fluid	440 stainless steel 303 stainless steel Teflon 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) (1.4 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	CE CSA C22.2 No 14 CE
Product Certifications	CE[RETURN]UL listed file E12158 CCN NKPZ[RETURN]CE
NEMA degree of protection	NEMA 4/4X/13 UL 50
Ambient Air Temperature for Operation	-23...85 °C (-10...185 °F)

Ordering and shipping details

Category	US1CP7G21522
Discount Schedule	CP7G
GTIN	785901024927
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	24.13 in (61.29 cm)
Package 1 Width	9.50 in (24.13 cm)
Package 1 Length	61.29 in (155.677 cm)
Package 1 Weight	3.0005 lb(US) (1.361 kg)

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
EU RoHS Directive	Not applicable, out of EU RoHS legal scope

Contractual warranty

Warranty	18 months
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