

9012GFW1G21V1Z18

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 sensor size	1000 psi (6894.76 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 -15...250 °F (-26...121 °C)) Non-corrosive liquids Air Non-corrosive gas
Fluid connection type	0.44 inch 20 UNF-2B UL 508
Pressure switch type of operation	Detection of 1 single threshold
Scale type	Fixed
Local display	With range scale window

Complementary

Range on decreasing pressure	20...1000 psi (137.90...6894.76 kPa)
Approx fix differential at mid range	59 psi (406.79 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 LED (clear) 24 V DC
Line Rated Current	2.75 A 24 V DC
Setting	Internal
Enclosure material	Die cast aluminium alloy 380
Pressure actuator	Piston
Maximum Height	6.24 in (158.50 mm)
Maximum Depth	4.56 in (115.82 mm)
Maximum Width	5.05 in (128.27 mm)
Operating position	Any position
Materials in contact with fluid	Viton fluorocarbon 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) (1.36 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	CE UL 508 CSA C22.2 No 14
Product certifications	CSA LR25490 class 3211 03 UL listed file E12158 CCN NKPZ 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	00785901826095
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

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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