

9012GFW3G21H11V1Z18

pressure switch 9012G - fixed scale - 1
threshold - 170 to 5600 PSIG 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	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	170...5600 psi (1172.11...38610.64 kPa)
Approx fix differential at mid range	289 psi (1992.58 kPa) +/- 2.5 % full scale
Terminal block type	4 screw terminals
Electrical connection	1 male connector mini) 5 pins
Terminal identifier	(1-5)NC (2-4)NO (3)gnd
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
Height	5.55 in (140.97 mm)
Depth	3.11 in (78.99 mm)
Maximum Width	3.5 in (88.90 mm)
Operating position	Any position
Materials in contact with fluid	Teflon Viton fluorocarbon 440 stainless steel 303 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	3 lb(US) (1.36 kg)

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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	UL 508 CSA C22.2 No 14 CE
Product certifications	CSA LR25490 class 3211 03 CE UL listed file E12158 CCN NKPZ
NEMA degree of protection	NEMA 4/4X/13 conforming to 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	00785901291046
Nbr. of units in pkg.	1
Package weight(Lbs)	3 lb(US) (1.36 kg)
Returnability	No
Country of origin	MX

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

Contractual warranty

Warranty	18 months
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