

9012GCW3G21H11V1Z18

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 Rating	5600 psi (38610.6 kPa)
Maximum pressure	20000 psi
Contacts type and composition	NC-NO, 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	Regulation between 2 thresholds
Scale type	Adjustable differential
Local display	With range scale window

Complementary

Range on decreasing pressure	170...5600 psi (1172.1...38610.6 kPa)
Approx adjustable differential at mid range	289...1260 psi (1992.58...8687.39 kPa) +/- 2.5 % full scale
Terminal block type	4 screw terminals
Electrical connection	1 male connector mini) 5 pins
Terminal identifier	(2-4)NC
Electrical circuit type	Control circuit
Local signalling	1 LED (clear) 24 V DC
Line Rated Current	2.75 A 24 V DC 0.22 A 125 V DC
Setting	Internal
Enclosure Material	Die cast aluminium alloy 380
Pressure actuator	Piston
Height	6.37 in (161.80 mm)
Depth	3.11 in (78.99 mm)
Width	3.5 in (88.9 mm)
Operating position	Any position
Materials in contact with fluid	303 stainless steel Nitrile (Buna-N)
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)

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Vibration resistance	2 gn 40...150 Hz)IEC 68-2-6
Shock resistance	50 gn IEC 58-2-27
Standards	UL 508 UL 508 CSA C22.2 No 14
Product Certifications	UL listed file E12158 CCN NKPZ and CCN NTHT[RETURN]UL listed file E12158 CCN NKPZ and CCN NTHT[RETURN]CSA LR25490 class 3211 03
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	21522-9012 G INDUSTRIAL PRESSURE SWITCHES
Discount Schedule	CP7G
GTIN	00785901427056
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

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
----------	-----------