

# Product data sheet

## Characteristics

# 9012GCW3G21H11V1Z18

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

Product availability : Non-Stock - Not normally stocked in distribution facility



### Main

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure Rating	5600 psi (38610.64 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 (1172.11...38610.64 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 (1-5)NO (3)gnd
Electrical circuit type	Control circuit
Local signalling	1 LED (clear) 24 V DC

\* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Line Rated Current	2.75 A 24 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 (88.90 mm)
Operating position	Any position
Materials in contact with fluid	303 stainless steel Teflon Viton fluorocarbon 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)

## Environment

Vibration resistance	2 gn 40...150 Hz)IEC 68-2-6
Shock resistance	50 gn IEC 58-2-27
Standards	UL 508 CSA C22.2 No 14 CE
Product certifications	UL listed file E12158 CCN NKPZ and CCN NTHT CSA LR25490 class 3211 03 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	00785901427056
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

Warranty	18 months
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