Product data sheet
Characteristics

9012GCW1K1
pressure switch 9012G - adjustable scale - 2 thresholds - 20 to 1000 psig

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

Price*: 659.00 USD

Main

Commercial Status	Commercialised
Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure sensor size	1000 psi
Maximum pressure	1000 psi
Contacts type and composition	NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil (-15...250 °F) Non-corrosive gas Air Non-corrosive liquids
Fluid connection type	0.25 inch 18 NPTF conforming to UL 508
Pressure switch type of operation	Regulation between 2 thresholds
Scale type	Adjustable
Local display	With range scale window

Complementary

Range on decreasing pressure	20...1000 psi
Control type	With adjustment slotted for screwdriver
Approx differential at mid range	59...200 psi +/- 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...12
Electrical circuit type	Control circuit
Local signalling	Without
[In] rated current	0.22 A (Ue = 125 V DC) contact code: R300 conforming to NEMA rating designation 0.27 A (Ue = 250 V DC) contact code: R300 conforming to NEMA rating designation 6 A (Ue = 120 V AC) contact code: A600 conforming to NEMA rating designation 3 A (Ue = 240 V AC) contact code: A600 conforming to NEMA rating designation
Setting	External
Enclosure material	Die cast aluminum alloy 380
Pressure actuator	Piston
Height	6.54 in
Depth	2.63 in
Width	3.5 in
Operating position	Any position
Materials in contact with fluid	Teflon Viton fluorocarbon 440 stainless steel 303 stainless steel
Short circuit protection	10 A by gL (cartridge) overload and short-circuit protection
Operating rate	<= 120 cyc/mn (-10...185 °F)
Mechanical durability	3000000 cycles
Repeat accuracy	> 0...< 4 %
Product weight	3 lb(US)

The information provided in this documentation contains general descriptions and/or technical characteristics 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. *Prices are indicative

Environment

Vibration resistance	2 gn conforming to IEC 68-2-6 (f = 40...150 Hz)
Shock resistance	50 gn conforming to IEC 58-2-27
Standards	CE UL 508 CSA C22.2 No 14
Product certifications	CE CSA LR25490 class 3211 03 UL listed file E12158 CCN NKPZ and CCN NTHT
NEMA degree of protection	NEMA 4/4X/13 conforming to UL 50
Ambient air temperature for operation	-10...185 °F

Ordering and shipping details

Category	21522 - 9012 G INDUSTRIAL PRESSURE SWITCHES
Discount Schedule	DS1
GTIN	00785901047872
Nbr. of units in pkg.	1
Package weight(Lbs)	3.00
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	MX

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Will be Compliant on 3Q2014
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual

Contractual warranty

Period	18 months