

Product data sheet

Characteristics

9012GDW25

pressure switch 9012G - fixed scale - 1 threshold
- 3.0 to 150 psig

Product availability: Stock - Normally stocked in distribution facility

Price*: 353.00 USD



Main

Commercial Status	Commercialised
Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure sensor size	150 psi
Maximum pressure	475 psi
Contacts type and composition	2(NC-NO), DPDT-DB, Form ZZ, snap action, silver nickel contacts
Controlled fluid	Non-corrosive gas Air Non-corrosive liquids Hydraulic oil (-40...250 °F)
Fluid connection type	0.25 inch 18 NPTF conforming to UL 508
Pressure switch type of operation	Detection of 1 single threshold
Scale type	Fixed
Local display	Without

Complementary

Range on decreasing pressure	3...150 psi
Approx differential at mid range	6 psi +/- 2.5 % full scale
Cable entry	0.5 inch NPT conduit entrance
Terminal block type	8 screw terminals
Electrical connection	Screw-clamp terminals, AWG 22...12
Electrical circuit type	Control circuit
Local signalling	Without
[In] rated current	0.11 A (Ue = 250 V DC) contact code: R300 conforming to NEMA rating designation 0.22 A (Ue = 125 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	Internal
Enclosure material	Die cast aluminum alloy 380
Pressure actuator	Diaphragm (nitrile (Buna-N))
Height	5.55 in
Depth	2.63 in
Width	3.5 in
Operating position	Any position
Materials in contact with fluid	Zinc plated steel Nitrile (Buna-N)
Short circuit protection	10 A by gL (cartridge) overload and short-circuit protection
Operating rate	<= 120 cyc/mn (-10...185 °F)
Mechanical durability	5000000 cycles
Repeat accuracy	> 0...< 4 %
Product weight	3 lb(US)



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	00785901024972
Nbr. of units in pkg.	1
Package weight(Lbs)	3.00
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
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
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