



## Main

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	NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Air Hydraulic oil (-40...250 °F) Non-corrosive liquids Non-corrosive gas
Fluid connection type	0.44 inch 20 UNF-2B conforming to 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	3...150 psi
Approx fix differential at mid range	6 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...AWG 12
Electrical circuit type	Control circuit
Local signalling	1 LED (clear) DC at 24 V
[In] rated current	2.75 A (Ue = 24 V DC)
Setting	Internal
Enclosure material	Die cast aluminium alloy 380
Pressure actuator	Diaphragm (nitrile (Buna-N))
Height	5.55 in
Depth	3.11 in
Width	3.5 in
Operating position	Any position
Materials in contact with fluid	Zinc plated steel

Disclaimer: 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

## Nitrile (Buna-N)

Short-circuit protection	10 A by gL (cartridge) overload and short-circuit protection
Operating rate	<= 120 cyc/mn
Mechanical durability	5000000 cycles
Repeat accuracy	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

## Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant <a href="#">Will not be compliant</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">Product Environmental Profile</a>
Product end of life instructions	Available <a href="#">End of Life Information</a>

## Contractual warranty

Warranty period	18 months
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