

# Product data sheet

## Characteristics

# 9012GFW2G17K1

pressure switch 9012G - fixed scale - 1 threshold  
- 90 to 2900 PSIG psig



### Main

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure sensor size	2900 psi
Maximum pressure	15000 psi
Contacts type and composition	NC-NO, 2 SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Air Non-corrosive liquids Non-corrosive gas Hydraulic oil (-15...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	90...2900 psi
Control type	With adjustment slotted for screwdriver
Approx fix differential at mid range	170 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 neon (clear) AC/DC at 120 V (voltage limits:105...125 V)
[In] rated current	6 A (Ue = 120 V AC) 0.22 A (Ue = 125 V DC)
Setting	Internal
Enclosure material	Die cast aluminium alloy 380
Pressure actuator	Piston
Height	6.24 in
Depth	2.63 in
Width	3.5 in

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

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
Mechanical durability	3000000 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
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

## Contractual warranty

Warranty period	18 months
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