

# Product data sheet

## Characteristics

# 9012GCW2H10

pressure switch 9012G - adjustable scale - 2 thresholds - 90 to 2900 psig

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

Price\*: 753.00 USD



### Main

Commercial Status	Commercialised
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, 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	Without

### Complementary

Range on decreasing pressure	90...2900 psi
Approx differential at mid range	170...560 psi +/- 2.5 % full scale
Terminal block type	4 screw terminals
Electrical connection	1 male connector (mini) 5 pins
Terminal identifier	(3)Gnd (1-5)NC (2-4)NO
Electrical circuit type	Control circuit
Local signalling	Without
[In] rated current	0.27 A (Ue = 240 V DC) 3 A (Ue = 240 V AC) 0.22 A (Ue = 125 V DC) 6 A (Ue = 120 V AC)
Setting	Internal
Enclosure material	Die cast aluminum alloy 380
Pressure actuator	Piston
Height	6.37 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

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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	00785901844969
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

## Contractual warranty

Period	18 months
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