



**Main**

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure rating	517.1 kPa
Maximum pressure	240 psi
Contacts type and composition	2(NC-NO), DPDT-DB, Form ZZ, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil (-40...121 °C) Selected corrosive gases (-40...121 °C) Air (-40...121 °C) Non-corrosive gas (-40...121 °C)
Fluid connection type	0.25 inch 18 NPTF conforming to UL 508
Pressure switch type of operation	Regulation between 2 thresholds
Scale type	Adjustable differential
Local display	Without

**Complementary**

Range on decreasing pressure	10.34...517.11 kPa
Approx adjustable differential at mid range	31.03...103.42 kPa +/- 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...AWG 12
Electrical circuit type	Control circuit
Local signalling	Without:
[In] rated current	3 A 240 V AC A600 conforming to NEMA rating designation 6 A 120 V AC A600 conforming to NEMA rating designation 0.27 A 250 V DC R300 conforming to NEMA rating designation 0.11 A 250 V DC R300 conforming to NEMA rating designation
Setting	Internal
Enclosure material	Cast aluminium
Pressure actuator	Diaphragm nitrile (Buna-N)
Height	182.88 mm
Depth	135.64 mm
Width	181.10 mm
Operating position	Any position
Materials in contact with fluid	Nitrile (Buna-N) Ethylene propylene
Short-circuit protection	10 A cartridge overload and short-circuit protection, type gL
Maximum operating rate	120 cyc/mn
Mechanical durability	5000000 cycles
Repeat accuracy	4 %
Net weight	8.39 kg

## Environment

Vibration resistance	2 gn (f= 40...150 Hz) conforming to IEC 68-2-6
Shock resistance	50 gn conforming to IEC 58-2-27
Standards	UL 508 CSA C22.2 No 14 CE
Product certifications	UL listed[RETURN]JUL listed HazLoc[RETURN]CSA LR26817 class 3218 02[RETURN]CSA LR25490 class 3211 03
NEMA degree of protection	NEMA 7/9 conforming to UL 698
Ambient air temperature for operation	-10...185 °F

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	29.997 cm
Package 1 Width	29.845 cm
Package 1 Length	15.24 cm
Package 1 Weight	8.392 kg

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

## Contractual warranty

Warranty	18 months
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