

# 9012GAW5

industrial pressure switch, 9012G, adjustable scale, 2 thresholds, 3.0 to 150 psig

## Main

Range of Product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure Rating	150 psi (1034.2 kPa)
Maximum pressure	475 psi
Contacts type and composition	NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil -40.0000002...121.1 °C (-40...250 °F)) Non-corrosive liquids -40.0000002...121.1 °C (-40...250 °F)) Air -40.0000002...121.1 °C (-40...250 °F)) Non-corrosive gas -40.0000002...121.1 °C (-40...250 °F))
Fluid connection type	0.25 inch 18 NPTF UL 508
Pressure switch type of operation	Regulation between 2 thresholds
Scale type	Adjustable differential
Local display	Without

## Complementary

Range on decreasing pressure	3...150 psi (20.7...1034.2 kPa)
Approx adjustable differential at mid range	6...30 psi (41.4...206.8 kPa) +/- 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
Terminal identifier	(1-5)NO (3)gnd
Electrical circuit type	Control circuit
Local signalling	Without
Line Rated Current	3 A 240 V AC A600 NEMA rating designation 6 A 120 V AC A600 NEMA rating designation 0.27 A 250 V DC Q600 NEMA rating designation 0.22 A 125 V DC Q600 NEMA rating designation
Setting	Internal
Enclosure Material	Die cast aluminium alloy 380
Pressure actuator	Diaphragm nitrile (Buna-N)
Height	5.55 in (140.97 mm)
Depth	2.63 in (66.80 mm)
Width	3.5 in (88.9 mm)
Operating position	Any position
Materials in contact with fluid	Nitrile (Buna-N) Zinc plated steel
Short-circuit protection	10 A cartridge overload and short-circuit protection gL
Maximum operating rate	120 cyc/mn
Mechanical durability	5000000 cycles
Repeat accuracy	4 %
Net Weight	3 lb(US) (1.4 kg)

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## Environment

Vibration resistance	2 gn 40...150 Hz)IEC 68-2-6
Shock resistance	50 gn IEC 58-2-27
Standards	UL 508 CSA C22.2 No 14 CE
Product Certifications	UL Listed[RETURN]UL listed Marine[RETURN]CSA LR25490 class 3211 03
NEMA degree of protection	NEMA 4/4X/13 UL 50
Ambient Air Temperature for Operation	-23.3...85.0 °C (-10...185 °F)

## Ordering and shipping details

Category	US1000T22413
Discount Schedule	000T
GTIN	785901024743
Returnability	Yes
Country of origin	US

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.1 in (13.0 cm)
Package 1 Width	6.6 in (16.8 cm)
Package 1 Length	10.3 in (26.2 cm)
Package 1 Weight	2.9 lb(US) (1.3 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl 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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