

# Product data sheet

## Characteristics

# 9012GPG2

9012G, pressure switch 9012 g, adjustable scale, 2 thresholds, 90 to 2900 PSIG

Product availability : Stock - Normally stocked in distribution facility



Price\* : 327.00 USD



### Main

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure Rating	2900 psi (19994.80 kPa)
Maximum pressure	2000 psi
Contacts type and composition	NC-NO, SPDT, Form C, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil -40...250 °F (-40...121 °C)) Non-corrosive liquids Air Non-corrosive gas
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	90...2900 psi (620.53...19994.80 kPa)
Approx adjustable differential at mid range	19...98 psi (131.00...675.69 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
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 R300 NEMA rating designation

\* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

0.22 A 125 V DC R300 NEMA rating designation

Setting	Internal
Enclosure material	Thermoplastic
Pressure actuator	Diaphragm nitrile (Buna-N)
Height	6.84 in (173.74 mm)
Depth	2.75 in (69.85 mm)
Width	2.21 in (56.13 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	2 lb(US) (0.91 kg)

## Environment

Vibration resistance	2 gn 40...150 Hz)IEC 68-2-6
Shock resistance	50 gn IEC 58-2-27
Standards	CSA C22.2 No 14 UL 508 CE
Product certifications	UL listed file E12158 CCN NKPZ CSA LR25490 class 3211 03 CE
NEMA degree of protection	NEMA 1 UL 50
Ambient air temperature for operation	-10...185 °F (-23...85 °C)

## Ordering and shipping details

Category	21522 - 9012 G INDUSTRIAL PRESSURE SWITCHES
Discount Schedule	CP7G
GTIN	00785901476474
Nbr. of units in pkg.	1
Package weight(Lbs)	1.86 lb(US) (0.84 kg)
Returnability	Yes
Country of origin	MX

## Packing Units

Package 1 Height	3.80 in (9.652 cm)
Package 1 width	9.50 in (24.130 cm)
Package 1 Length	3.80 in (9.652 cm)

## 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>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

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Warranty	18 months
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