



Main

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure sensor size	517.11 kPa
Maximum pressure	240 psi
Contacts type and composition	NC-NO, SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil (-40...121 °C) Non-corrosive liquids Air Non-corrosive gas
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	4 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 0.22 A 125 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	Zinc plated steel Nitrile (Buna-N)
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	CSA C22.2 No 14 CE UL 508
Product certifications	CSA LR26817 class 3218 02 UL listed file E12443 CCN NOWT CE
NEMA degree of protection	NEMA 7/9 conforming to UL 698
Ambient air temperature for operation	-23...85 °C

Packing Units

Package 1 Weight	8.391 kg
Package 1 Height	77.419 cm
Package 1 width	30.480 cm
Package 1 Length	196.645 cm

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months
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