Product datasheet
Characteristics

9012GCWM23

pressure switch 9012G - adjustable scale - 2 thresholds - 170 to 5600 psig

Main

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure sensor size	5600 psi
Maximum pressure	20000 psi
Contacts type and composition	2(NC-NO), DPDT-DB, Form ZZ, snap action, silver nickel contacts
Controlled fluid	Air Non-corrosive liquids Non-corrosive gas Hydraulic oil (-15...250 °F)
Fluid connection type	0.25 inch BS2779 parallel pipe thread 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	170...5600 psi
Approx adjustable differential at mid range	289...1260 psi +/- 2.5 % full scale
Cable entry	20 mm BS4568 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 (Ue = 240 V AC) contact code: A600 conforming to NEMA rating designation 6 A (Ue = 120 V AC) contact code: A600 conforming to NEMA rating designation 0.22 A (Ue = 125 V DC) contact code: R300 conforming to NEMA rating designation 0.11 A (Ue = 250 V DC) contact code: R300 conforming to NEMA rating designation
Setting	Internal
Enclosure material	Die cast aluminium 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
Mechanical durability	3000000 cycles
Repeat accuracy	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

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	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

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will not be Compliant
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months