



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	NC-NO, 2 SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Air Non-corrosive liquids Non-corrosive gas Hydraulic oil (-15...250 °F)
Fluid connection type	0.44 inch 20 UNF-2B conforming to UL 508
Pressure switch type of operation	Detection of 1 single threshold
Scale type	Fixed
Local display	With range scale window

Complementary

Range on decreasing pressure	170...5600 psi
Approx fix differential at mid range	289 psi +/- 2.5 % full scale
Terminal block type	4 screw terminals
Electrical connection	1 male connector (mini) 5 pins
Terminal identifier	(3)gnd (1-5)NC (2-4)NO
Electrical circuit type	Control circuit
Local signalling	1 neon (clear) AC/DC at 120 V (voltage limits:105...125 V)
[In] rated current	0.22 A (Ue = 125 V DC) 3 A (Ue = 120 V AC)
Setting	Internal
Enclosure material	Die cast aluminium alloy 380
Pressure actuator	Piston
Height	5.55 in
Depth	3.11 in
Width	3.5 in

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 UL 508 CSA C22.2 No 14
Product certifications	CE CSA LR25490 class 3211 03 UL listed file E12158 CCN NKPZ
NEMA degree of protection	NEMA 4/4X/13 conforming to UL 50
Ambient air temperature for operation	-10...185 °F

Contractual warranty

Warranty period	18 months
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