

9012GFW1G18

Pressure switch 9012G, fixed scale, 1 threshold, 20 to 1000 PSIG PSIG



Main

Range of product	9012G
Pressure sensor type	Electromechanical pressure switch
Pressure sensor name	9012G
Pressure rating	6894.8 kPa
Maximum pressure	1000 psi
Contacts type and composition	NC-NO, 2 SPDT-DB, Form Z, snap action, silver nickel contacts
Controlled fluid	Hydraulic oil (-26...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	Detection of 1 single threshold
Scale type	Fixed
Local display	Without

Complementary

Range on decreasing pressure	137.90...6894.76 kPa
Approx fix differential at mid range	406.79 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	1 neon: (red) 120 V AC/DC (105...125 V)
[In] rated current	6 A 120 V AC 0.22 A 125 V DC
Setting	Internal
Enclosure material	Die cast aluminium alloy 380
Pressure actuator	Piston
Height	158.50 mm
Depth	115.82 mm
Width	128.27 mm
Operating position	Any position
Materials in contact with fluid	440 stainless steel 303 stainless steel Teflon 440 stainless steel
Short-circuit protection	10 A cartridge overload and short-circuit protection, type gL
Maximum operating rate	120 cyc/mn
Mechanical durability	3000000 cycles
Repeat accuracy	4 %
Net weight	1.4 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	61.29 cm
Package 1 Width	24.13 cm
Package 1 Length	155.677 cm
Package 1 Weight	1.361 kg

Offer Sustainability

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 www.P65Warnings.ca.gov
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months
----------	-----------