

Electromechanical vacuum switch, 9016G,
adjustable scale, 2 thresholds, Set 0 to 23.8
InHg



Main

Range of product	9016G
Product or component type	Electromechanical vacuum switch
Device application	Sensitive control application
Device short name	9016G
Electrical circuit type	Control circuit

Complementary

Factory modification	With mounting bracket
Vacuum switch type of operation	Regulation between two thresholds
Scale type	Adjustable differential
Value of setting	-
Vacuum sensor size	28.3 inHg
Range on decreasing vacuum	0...28.3 inHg
Approx adjustable differential at mid range	1.7...7.4 inHg
Maximum pressure	100 psi
Maximum permissible pressure - per cycle	689.5 kPa
Local display	Without
Fluid connection type	0.25 inch 18 NPTF conforming to UL 508
Electrical connection	Screw-clamp terminals AWG 22...AWG 12
Cable entry	0.5 inch NPT conduit entrance
Terminal block type	8 screw terminals
Pressure actuator	Diaphragm nitrile (Buna-N)
Controlled fluid	Air (-40...121 °C) Water (-40...121 °C) Hydraulic oil (-40...121 °C) Gas (-40...121 °C)
Materials in contact with fluid	Zinc plated steel Nitrile (Buna-N) 3M Scotch-Grip 847 rubber and gasket adhesive
Enclosure material	Die cast aluminium alloy 380
Operating position	Any position
Maximum operating rate	120 cyc/mn
Repeat accuracy	0.4 %
[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 0.22 A 125 V DC R300 conforming to NEMA rating designation 0.11 A 250 V DC R300 conforming to NEMA rating designation
Local signalling	Without:
Contacts type and composition	2(NC-NO), DPDT, Form ZZ, snap action, silver nickel contacts
Short-circuit protection	10 A cartridge overload and short-circuit protection, type gL
Mechanical durability	5000000 cycles
Setting	Internal
Net weight	2.09 kg

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Height	163.83 mm
Depth	124.46 mm
Width	115.82 mm

Environment

Standards	UL 508
Product certifications	UL listed[RETURN]CSA
Protective treatment	None
Ambient air temperature for operation	10...185 °F
Ambient air temperature for storage	10...185 °F
Vibration resistance	2 gn conforming to IEC 68-2-6 (f = 40...150 Hz)
Shock resistance	50 gn conforming to IEC 58-2-27
NEMA degree of protection	NEMA 4/4X/13 conforming to UL 698

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.986 cm
Package 1 Width	19.812 cm
Package 1 Length	19.304 cm
Package 1 Weight	2.173 kg

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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
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