

Product data sheet

Characteristics

9016GVG1J99Z

vacuum switch 9016G - adjustable scale - 2 thresholds - 25 inHg factory setting



Main

Range of product	9016GVG
Product or component type	Electromechanical vacuum switch
Device application	Power circuit application
Device short name	9016GVG
Electrical circuit type	Power circuit

Complementary

Factory modification	-
Vacuum switch type of operation	Regulation between two thresholds
Scale type	Adjustable
Vacuum sensor size	25 inHg
Cut out range	5...25 inHg
Cut-in range	0...20 inHg
Approx adjustable differential at mid range	5...10 inHg
Value of setting	Specify factory setting
Maximum pressure	150 psi
Maximum permissible pressure - per cycle	150 psi
Local display	Without
Fluid connection type	0.25 inch 18 NPT UL 508
Electrical connection	Screw-clamp terminals AWG 22...AWG 12
Cable entry number	3 knock-outs for 1/2" NPT conduit
Terminal block type	8 screw terminals
Pressure actuator	Diaphragm nitrile (Buna-N)
Controlled fluid	Air -40...250 °F Water -40...250 °F Hydraulic oil -40...250 °F Gas -40...250 °F
Materials in contact with fluid	Zinc plated steel Nitrile (Buna-N) 3M Scotch-Grip 847 rubber and gasket adhesive
Cover material	Polypropylene, noryl thermoplastic resin or equivalent

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
Enclosure material	Stamped metal
Operating rate	<= 100 cyc/mn
Repeat accuracy	2.5 %
Motor power kW	1.5 kW 2 hp AC 115 V 1 phase 2.2 kW 3 hp AC 115 V 3 phases 2.2 kW 3 hp AC 230 V 1 phase 3.75 kW 5 hp AC 230 V 3 phases 3.7 kW 5 hp AC 460 V 1 phase 3.7 kW 5 hp AC 460 V 3 phases 3.7 kW 5 hp AC 575 V 1 phase 3.7 kW 5 hp AC 575 V 3 phases 0.75 kW 1 hp DC 115 V 0.75 kW 1 hp DC 230 V
Contacts type and composition	2 NC DPST-DB Form YY snap action silver cadmium contacts
Short-circuit protection	20 A cartridge fuse gG
Mechanical durability	300 cycles
Setting	Internal
Product weight	4.6 lb(US)
Height	7.13 in
Depth	4.37 in
Width	4.58 in

Environment

Standards	UL 508
Product certifications	UL listed file E12158 CCN NKPZ CSA file LR25490
Protective treatment	None
Ambient air temperature for operation	10...185 °F
Ambient air temperature for storage	10...185 °F
NEMA degree of protection	NEMA 1 UL 698

Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant Will not be compliant
REACH	Reference contains SVHC above the threshold - Go to CaP for more details Go to CaP for more details
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available End of Life Information

Contractual warranty

Warranty period	18 months
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