

Product data sheet

Specifications



Electromechanical vacuum switch, 9016GVG, 9016 g, adjustable scale, 2 thresholds, Set 3 to 8 InHg

9016GVG1J09F

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	With mounting bracket
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	3...8 inHg
Maximum pressure	100 psi
Maximum permissible pressure - per cycle	689.48 kPa
Local display	Without
Fluid connection type	0.25 inch 18 NPSF conforming to 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...121 °C) Water (-40...121 °C) Hydraulic oil (-40...121 °C) Gas (-40...121 °C)
Materials in contact with fluid	Nitrile (Buna-N) 3M Scotch-Grip 847 rubber and gasket adhesive Zinc plated steel

Cover material	Polypropylene, noryl thermoplastic resin or equivalent
Operating position	Any position
Enclosure material	Stamped metal
Maximum operating rate	100 cyc/mn
Repeat accuracy	2.5 %
Motor power kW	1.5 kW (2 hp) at 115 V AC, 1 phase 2.2 kW (3 hp) at 115 V AC, 3 phases 2.2 kW (3 hp) at 230 V AC, 1 phase 3.75 kW (5 hp) at 230 V AC, 3 phases 3.7 kW (5 hp) at 460 V AC, 1 phase 3.7 kW (5 hp) at 460 V AC, 3 phases 3.7 kW (5 hp) at 575 V AC, 1 phase 3.7 kW (5 hp) at 575 V AC, 3 phases 0.75 kW (1 hp) at 115 V DC, 3 phases 0.75 kW (1 hp) at 230 V DC
Contacts type and composition	2 NC, DPST-DB, Form YY, snap action, silver cadmium contacts
Short-circuit protection	20 A cartridge fuse, type gG
Mechanical durability	300 cycles
Setting	Internal
Product weight	1.71 kg
Height	181.10 mm
Depth	119.13 mm
Width	116.33 mm

Environment

Standards	UL 508
Product certifications	UL listed file E12158 CCN NKPZ CSA file LR25490
Protective treatment	None
Ambient air temperature for operation	-12...85 °C
Ambient air temperature for storage	-12...85 °C
NEMA degree of protection	NEMA 1 conforming to UL 698

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.2 cm
Package 1 Width	12.2 cm
Package 1 Length	19.8 cm
Package 1 Weight	1.7 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)

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

Contractual warranty

Warranty 18 months

Recommended replacement(s)