Product data sheet
Characteristics

9016GVG1J12
Electromechanical vacuum switch, 9016GVG, adjustable scale, 2 thresholds, Set 18 to 23 InHg



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	18...23 inHg
Maximum pressure	100 psi
Maximum permissible pressure - per cycle	100 psi (689.48 kPa)
Local display	Without
Fluid connection type	0.25 inch 18 NPSF 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 (-40…121 °C)) Water -40…250 °F (-40…121 °C)) Hydraulic oil -40…250 °F (-40…121 °C)) Gas -40…250 °F (-40…121 °C))
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
Operating position	Any position
Enclosure Material	Stamped metal
Maximum operating rate	100 cyc/mn
Repeat accuracy	2.5 %

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance 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.
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Motor power kW	1.5 KW 2 hp)115 V AC, 1 phase 2.2 KW 3 hp)115 V AC, 3 phase 2.2 KW 3 hp)230 V AC, 1 phase 3.75 KW 5 hp)230 V AC, 3 phase 3.7 KW 5 hp)460 V AC, 1 phase 3.7 KW 5 hp)460 V AC, 3 phase 3.7 KW 5 hp)575 V AC, 1 phase 3.7 KW 5 hp)575 V AC, 3 phase 0.75 KW 1 hp)115 V DC, 3 phase 0.75 kW 1 hp)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 gG
Mechanical durability	300 cycles
Setting	Internal
Net Weight	3.53 lb(US) (1.60 kg)
Height	7.13 in (181.10 mm)
Depth	4.37 in (111.00 mm)
Width	4.58 in (116.33 mm)

Environment

Standards	UL 508
Product Certifications	UL Listed CSA
Protective treatment	None
Ambient Air Temperature for Operation	-10…185 °F (-23…85 °C)
Ambient Air Temperature for Storage	-10…185 °F (-23…85 °C)
NEMA degree of protection	NEMA 1 UL 698

Ordering and shipping details

Category	21541-9016 COMMERCIAL VACUUM SWITCH
Discount Schedule	CP7G
GTIN	785901053910
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.40 in (31.484 cm)
Package 1 Width	4.88 in (12.395 cm)
Package 1 Length	31.48 in (79.969 cm)
Package 1 Weight	3.55 lb(US) (1.608 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
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
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

Contractual warranty

Warranty	18 months