Product data sheet
Characteristics

9016GAW1F
Electromechanical vacuum switch, 9016G, 9016 g, adjustable scale, 2 thresholds, Set 0 to 28.7 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	28.7 inHg
Range on decreasing vacuum	0…28.7 inHg
Approx adjustable differential at mid range	1.3…7.4 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 NPTF UL 508
Electrical connection	Screw-clamp terminals AWG 22...AWG 12
Cable entry	0.5 inch NPT conduit entrance
Terminal block type	4 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	3M Scotch-Grip 847 rubber and gasket adhesive Nitrile (Buna-N) Zinc plated steel
Enclosure Material	Die cast aluminium alloy 380
Operating position	Any position
Maximum operating rate	120 cyc/mn
Repeat accuracy	0.4 %
Line Rated Current	3 A 240 V AC A600 NEMA rating designation 6 A 120 V AC A600 NEMA rating designation 0.27 A 250 V DC R300 NEMA rating designation 0.22 A 125 V DC R300 NEMA rating designation
Local signalling	Without
Contacts type and composition	NC-NO, SPDT, Form Z, snap action, silver nickel contacts
Short-circuit protection	10 A cartridge overload and short-circuit protection gL
Mechanical durability	5000000 cycles
Setting	Internal
Net Weight	4.6 lb(US) (2.09 kg)

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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Height	6.45 in (163.83 mm)
Depth	4.9 in (124.46 mm)
Width	4.56 in (115.82 mm)

Environment

Standards	UL 508
Product Certifications	CSA file LR25490 UL listed file E12158 CCN NKPZ and CCN NTHT
Protective treatment	None
Ambient Air Temperature for Operation	10…185 °F (-12…85 °C)
Ambient Air Temperature for Storage	10…185 °F (-12…85 °C)
Vibration resistance	2 gn 40…150 Hz)IEC 68-2-6
Shock resistance	50 gn IEC 58-2-27
NEMA degree of protection	NEMA 4/4X/13 UL 698

Ordering and shipping details

Category	21541-9016 COMMERCIAL VACUUM SWITCH
Discount Schedule	CP7G
GTIN	785901053781
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.00 in (15.24 cm)
Package 1 Width	7.00 in (17.78 cm)
Package 1 Length	8.00 in (20.32 cm)
Package 1 Weight	4.82 lb(US) (2.187 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
REACh Regulation	REACh Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months