

Product data sheet

Characteristics

9016GAW1

vacuum switch 9016G - 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	-
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 differential at minimum range	0.8...9 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 Zinc plated steel Nitrile (Buna-N)
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

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. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Net Weight	4.6 lb(US) (2.09 kg)
Maximum Height	6.45 in (163.83 mm)
Maximum Depth	4.56 in (115.82 mm)
Maximum Width	4.56 in (115.82 mm)

Environment

Standards	UL 508
Product certifications	UL listed file E12158 CCN NKPZ and CCN NTHT CSA file LR25490
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	00785901025283
Nbr. of units in pkg.	1
Package weight(Lbs)	4.37 lb(US) (1.98 kg)
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	6.00 in (15.24 cm)
Package 1 width	7.50 in (19.05 cm)
Package 1 Length	7.60 in (19.304 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to www.p65warnings.ca.gov
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
----------	-----------