

# 9016GAW1Z16

Vacuum switch, 9016G, electromechanical, adjustable scale, 2 thresholds, Set 0 to 28.7InHg



## 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 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	0.50 inch - 14 NPT external with 0.25 inch - 18 NPTF internal 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	Zinc plated steel 3M Scotch-Grip 847 rubber and gasket adhesive 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

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Net Weight	4.6 lb(US) (2.09 kg)
Height	6.45 in (163.83 mm)
Depth	4.56 in (115.82 mm)
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	785901053798
Nbr. of units in pkg.	1
Package weight(Lbs)	4.60 lb(US) (2.087 kg)
Returnability	No
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	18.75 in (47.613 cm)
Package 1 width	7.38 in (18.745 cm)
Package 1 Length	47.61 in (120.937 cm)

## 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>

## Contractual warranty

Warranty	18 months
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