

# Product data sheet

Specifications



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

9016GVG1J09Z

### 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	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 NPT 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	3M Scotch-Grip 847 rubber and gasket adhesive Zinc plated steel Nitrile (Buna-N)

<b>Cover material</b>	Polypropylene, noryl thermoplastic resin or equivalent
<b>Operating position</b>	Any position
<b>Enclosure material</b>	Stamped metal
<b>Maximum operating rate</b>	100 cyc/mn
<b>Repeat accuracy</b>	2.5 %
<b>Motor power kW</b>	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
<b>Contacts type and composition</b>	2 NC, DPST-DB, Form YY, snap action, silver cadmium contacts
<b>Short-circuit protection</b>	20 A cartridge fuse, type gG
<b>Mechanical durability</b>	300 cycles
<b>Setting</b>	Internal
<b>Product weight</b>	1.59 kg
<b>Height</b>	181.10 mm
<b>Depth</b>	111.00 mm
<b>Width</b>	116.33 mm

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	31.484 cm
<b>Package 1 Width</b>	12.395 cm
<b>Package 1 Length</b>	79.969 cm
<b>Package 1 Weight</b>	1.592 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>

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**Environmental Disclosure** [Product Environmental Profile](#)

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**Circularity Profile** [End of Life Information](#)

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**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](http://www.P65Warnings.ca.gov)

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## **Contractual warranty**

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**Warranty** 18 months

### **Recommended replacement(s)**