



### 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 NPSF 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	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 %
Motor power kW	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
Contacts type and composition	2 NC, DPST-DB, Form YY, snap action, silver cadmium contacts

Short-circuit protection	20 A cartridge fuse, type gG
Mechanical durability	300 cycles
Setting	Internal
Net weight	1.61 kg
Height	181.10 mm
Depth	111.00 mm
Width	116.33 mm

## Environment

Standards	UL 508
Product certifications	CSA[RETURN]UL listed
Protective treatment	None
Ambient air temperature for operation	-23...85 °C
Ambient air temperature for storage	-23...85 °C
NEMA degree of protection	NEMA 1 conforming to UL 698

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.5 cm
Package 1 Width	12.2 cm
Package 1 Length	20.1 cm
Package 1 Weight	1.56 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
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>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

## Contractual warranty

Warranty	18 months
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