



Main

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|---------------------------|---------------------------------|
| 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

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| 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 | 0.25 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 | Zinc plated steel Nitrile (Buna-N) 3M Scotch-Grip 847 rubber and gasket adhesive |
| Enclosure Material | Die cast aluminium alloy 380 |
| Operating position | Any position |
| Maximum operating rate | 120 cyc/mn |
| Repeat accuracy | 0.4 % |
| Line Rated Current | 2.75 A 24 V DC |
| Local signalling | 1 LED (clear) 24 V DC |
| 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) |
| Height | 6.45 in (163.83 mm) |

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| Depth | 5.04 in (128.02 mm) |
| Width | 4.56 in (115.82 mm) |

Environment

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|---------------------------------------|---|
| 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

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|-----------------------|-------------------------------------|
| Category | 21541-9016 COMMERCIAL VACUUM SWITCH |
| Discount Schedule | CP7G |
| GTIN | 785901348863 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 4.60 lb(US) (2.087 kg) |
| Returnability | No |
| Country of origin | MX |

Packing Units

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|------------------------|-----------------------|
| 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

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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 |
| 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

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| Warranty | 18 months |
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