

# 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   |
| 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 differential at mid range         | 1.3...7.4 inHg   |
| Maximum pressure                         | 100 psi  |
| Maximum permissible pressure - per cycle | 100 psi  |
| 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<br>Water -40...250 °F<br>Hydraulic oil -40...250 °F<br>Gas -40...250 °F   |
| Materials in contact with fluid          | Zinc plated steel<br>Nitrile (Buna-N)<br>3M Scotch-Grip 847 rubber and gasket adhesive   |
| Enclosure material                       | Die cast aluminium alloy 380   |
| Operating position                       | Any position   |
| Operating rate                           | <= 120 cyc/mn -10...185 °F   |
| Repeat accuracy                          | 0.4 %  |
| [In] rated current                       | 3 A 240 V AC A600 NEMA rating designation<br>6 A 120 V AC A600 NEMA rating designation<br>0.27 A 250 V DC R300 NEMA rating designation<br>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   |
| Product weight                           | 4.6 lb(US)   |

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|        |         |
|--------|---------|
| Height | 6.45 in |
| Depth  | 4.56 in |
| Width  | 4.56 in |

## Environment

|                                       |   |
|---------------------------------------|---|
| standards                             | UL 508  |
| product certifications                | UL listed file E12158 CCN NKPZ and CCN NTHT<br>CSA file LR25490 |
| protective treatment                  | None  |
| ambient air temperature for operation | 10...185 °F   |
| ambient air temperature for storage   | 10...185 °F   |
| vibration resistance                  | 2 gn IEC 68-2-6 40...150 Hz                                     |
| shock resistance                      | 50 gn IEC 58-2-27   |
| NEMA degree of protection             | NEMA 4/4X/13 UL 698   |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1150 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |