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## **MVA/MVS Pressure Switch SPST**

The MVA/MVS range has been developed by Applications Engineering Ltd as a rugged general purpose vacuum switch suitable for applications where cost and reliability are leading factors. Available as both adjustable (MVA) and factory set versions (MVS) with SPST electrical contacts.

| OPTIONS  |   | DIMENSIONS   |
|--|---|--|
| Adjustment Range   | 2 : 100-900 mbar<br>Or specify set point, e.g.<br>200F = 200mbar falling  | spade terminal   |
| Thread Sizes   | G1/4, G1/8, G1/4T,<br>G1/8T, 1/8 NPT, 1/4 NPT<br>(other threads available on<br>request)  | Exagon<br>24mm A/F   |
| Contacts   | NO (normally open) or NC (normally closed)  |  |
| Terminals  | SP : Spade terminals<br>ST : Screw terminal<br>(other options on request)   |  |
| Diaphragm/Piston   | N : Nitrile (-15~90°C)<br>V : Viton (-20~110°C)<br>E : EPDM (-15~80°C)<br>H : HNBR (-40~140°C)<br>(Other options available on<br>request) | PARTS MATRIX   |
| Body Material  | Blank : Brass<br>ZN : Zinc plated steel<br>316 : 316 grade stainless<br>steel   | MVA/MVS 2 G1/4 NO SP V 316 -   |
| Options  | SG : Degreased for use in<br>oxygen applications<br>For other options please<br>consult Applications<br>Engineering Ltd                   | Type:     (Consult with AEL)       Adjustable     Pre-set       Adjustment     Body Material |
| SPECIFICATIONS   |   | Range or SetBlank: BrassPoint (SeeZN: Zinc Plated  |
| Working Voltage<br>Electrical Load                           | 48Vdc Max<br>0.5A   | Options) Steel<br>316: S/S   |
| Maximum Pressure<br>Mechanical Life<br>Electrical Protection | 20 bar<br>10^6 Operations<br>IP54, Terminals IP00   | Thread Type<br>(See Options) Diaphragm/Piston Materia<br>(See Options)                       |
| Contact material<br>Contact Holder<br>Material               | Silver<br>Nylon 6/6 fv.30   | Contact Type Electrical Termination Normally Open SP: Spade Terminals ST: Sprow Torminals    |
|  |   | Or ST: Screw Terminals<br>Normally Closed (Other options on request)                         |