

# MPA/MPS Pressure Switch SPST

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

OPTIONS	
<b>Adjustment Ranges/ Accuracy Measured in Bar</b>	1: 0.1~1 (± 0.1) (Diaphragm) 2: 0.15~2 (± 0.15) (Diaphragm) 10: 1~10 (± 0.2) (Diaphragm) 50: 10~50 (± 1) (Diaphragm) 150: 20~150 (± 5) (Piston) 300: 30~300 (±15) (Piston)
<b>Thread Sizes</b>	G1/4, G1/8, G1/4T, G1/8T, 1/8 NPT, 1/4 NPT (Other options available on request)
<b>Contacts</b>	NO: (Normally Open) NC: (Normally Closed)
<b>Terminals</b>	SP: Spade terminals ST: Screw terminal (Other options on request)
<b>Diaphragm/Piston</b>	N: Nitrile (-15°C~90°C) V: Viton (-20°C~110°C) E: EPDM (-15°C~80°C) H: HNBR (-40°C~140°C) (Other options available on request)
<b>Body Material</b>	Blank: Brass ZN: Zinc plated steel 316: 316 grade stainless steel
<b>Options</b>	DG: Degreased for use in oxygen applications  For other options please consult Applications Engineering Ltd
SPECIFICATIONS	
<b>Working Voltage</b>	48Vdc Max
<b>Electrical Load</b>	0.5A
<b>Maximum Pressure</b>	Brass—80 Bar ZN (Diaphragm)— 300 Bar ZN (Piston) – 600 Bar 316 S/S – 300 Bar
<b>Mechanical Life</b>	10 <sup>6</sup> Operations
<b>Electrical Protection</b>	IP54 (with AE KT685.24 cover) Terminals - IP00
<b>Contact material</b>	Silver
<b>Contact Holder Material</b>	Nylon 6/6 fv.30

## DIMENSIONS

