

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.

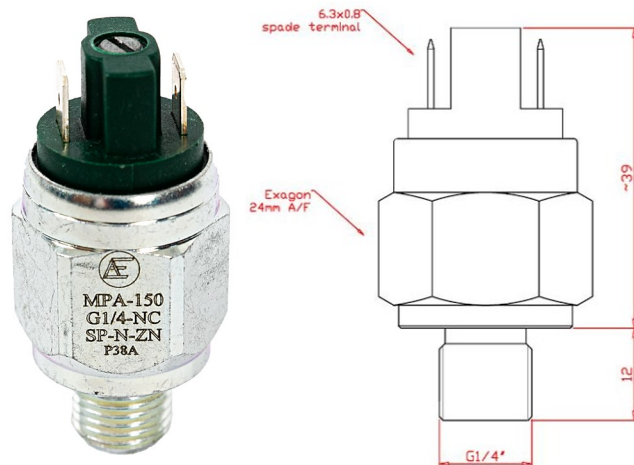
OPTIONS

Adjustment Ranges/ Accuracy Measured in Bar	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)
Thread Sizes	G1/4, G1/8, G1/4T, G1/8T, 1/8 NPT, 1/4 NPT (Other options available on request)
Contacts	NO: (Normally Open) NC: (Normally Closed)
Terminals	SP: Spade terminals ST: Screw terminal (Other options on request)
Diaphragm/Piston	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)
Body Material	Blank: Brass ZN: Zinc plated steel 316: 316 grade stainless steel
Options	DG: Degreased for use in oxygen applications For other options please consult Applications Engineering Ltd

SPECIFICATIONS

Working Voltage	48Vdc Max
Electrical Load	0.5A
Maximum Pressure	Brass—80 Bar ZN (Diaphragm)— 300 Bar ZN (Piston) — 600 Bar 316 S/S — 300 Bar
Mechanical Life	10 ⁶ Operations
Electrical Protection	IP54 (with AE KT685.24 cover) Terminals - IP00
Contact material	Silver
Contact Holder Material	Nylon 6/6 fv.30

DIMENSIONS



PARTS MATRIX

MPA/MPS	50	G1/4	NO	SP	V	316	-
Model Type: Adjustable Or Pre-set							Options (Consult with AEL)
Adjustment Range or Set Point (See Options)							Body Material Blank: Brass ZN: Zinc Plated Steel 316: S/S
Thread Type (See Options)							Diaphragm/Piston Material (See Options)
Contact Type Normally Open or Normally Closed							Electrical Termination SP: Spade Terminals ST: Screw Terminals (Other options on request)