

Proximity and Mechanical Positions switches

Max media Temp: +200C (PTFE valve seals)

# Position Switches

## To suit ASPV Angle Seat Piston Valves



### Proximity Switch – Open

For use with normally closed valve, Will detect Open position

Rated sensing distance: 5mm

Supply voltage: DC12 to 24 Volt (10 to 30vDC)

Ripple: p-p 10% Max

Leakage current: <0.01mA

Load current: 200mA

Consumption: <=10mA

Voltage drop: <=1.8v

Sensing face material: PBT

Repeatability precision: <=2%

Display: Red LED

Working temperature: -25...70°C

Temperature drift: <±10%

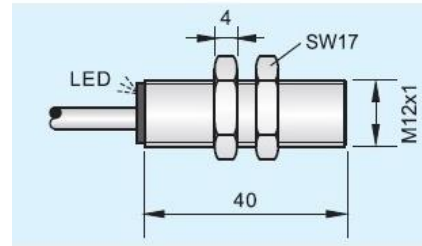
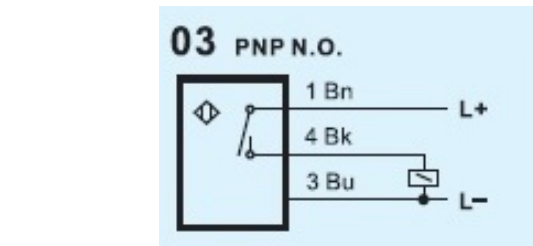
Protection: IP67

Protection circuit: Outputs short circuit + over current, reverse polarity protected

Anti-impact: 500m/s<sup>2</sup> (50G) X,Y,Z direction, each 10 times

Anti-vibration: 10 to 55 Hz (Amplitude 1.5mm) X,Y, Z direction each 2 hours

Cable: 4.0mm 2 meter



### Mechanical Position Switches Open + Closed

Mechanical Open and Closed and LED light position of valve

Used with normally closed valve

2x SPDT mechanical switches

Green LED light Valve Open

Red LED light Valve Closed

Orange LED Light power ON

Power consumption: <37.5mA (48vDC)

Linear travel 10 – 30mm

Power: 12 to 48vDC

Max load: 5 Amp per output

Ambient Temp: -20C to +60C

Humidity: <80%, non-condensate

Protection: IP65

Connection: Cable 5 to 7mm

Cable gland: M16x1.5, PA

Housing: ABS

Cover: PC

Seals: Buna N

External: Brass or Stainless Steel

