

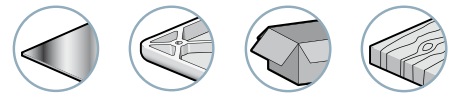
PSP 100 ANA

Electronic Vacuum Switch Analog Output



The PSP 100 ANA contains an analog output. It is fitted with 2 vacuum connections as standard (G1/8" male or M5 Female) and one M8 electrical connector.

Industry-specific applications



Specifications

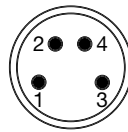
Compatible fluids	All filtered, non-corrosive, non-lubricated gases
Supply	24 V DC (18 V DC min / 30 V DC max)
Current draw	< 20 mA
Analog output	1 to 5 VDC from 0 to -1 bar
Thermal drift	± 3% of the measuring scale between 32 and 122°F
Response time	< 5 ms
EMC	Industrial standard Class B
Materials	PA 66 and brass
Temperature	Operation: 32 to 122 °F Storage: 14 to 140 °F
Protection	IP 50
Electrical connection	M8 connector (4 pins)
Pneumatic connection	G1/8" Male and M5 Female
Weight	22 g

Advantages

- 1 analog output from 1 to 5 VDC
- Measuring range: 0 / -1 bar
- Overpressure: +3 bar max.
- PNP

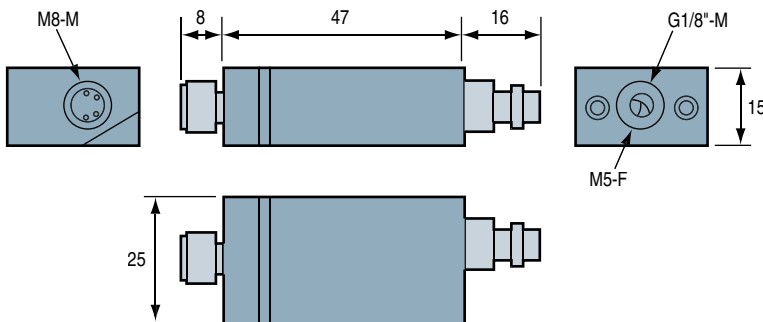
Electrical Diagrams

- M8 connector



- 1 = + 24 V (Brown)
- 2 = analog output from 1 to 5 VDC (white)
- 3 = 0 V common (blue)

Dimensions



Note: all dimensions shown in (mm)

Accessories

- Straight or elbow connector, see page 10/11.



For all orders, please specify: PSP 100 ANA