

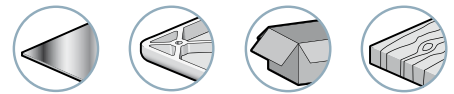
# PSP 100 ANA

## 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

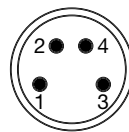
<b>Compatible fluids</b>	All filtered, non-corrosive, non-lubricated gases
<b>Supply</b>	24 V DC (18 V DC min / 30 V DC max)
<b>Current draw</b>	< 20 mA
<b>Analog output</b>	1 to 5 VDC from 0 to -1 bar
<b>Thermal drift</b>	± 3% of the measuring scale between 0 and 50°C
<b>Response time</b>	< 5 ms
<b>EMC</b>	Industrial standard Class B
<b>Materials</b>	PA 66 and brass
<b>Temperature</b>	Operation: 0 to 50 °C / 32 to 122 °F Storage: -10 to 60 °C / 14 to 140 °F
<b>Protection</b>	IP 50
<b>Electrical connection</b>	M8 connector (4 pins)
<b>Pneumatic connection</b>	G1/8" Male and M5 Female
<b>Weight</b>	22 g

### Advantages

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

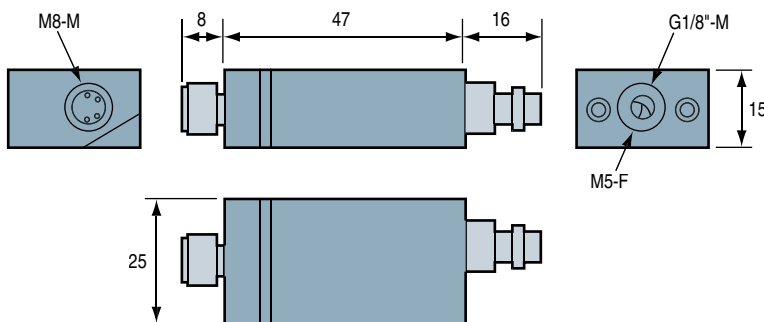
### Electrical Diagrams

- 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