



CMR 372, 100 hPa F.S., pipe OD 1/2"



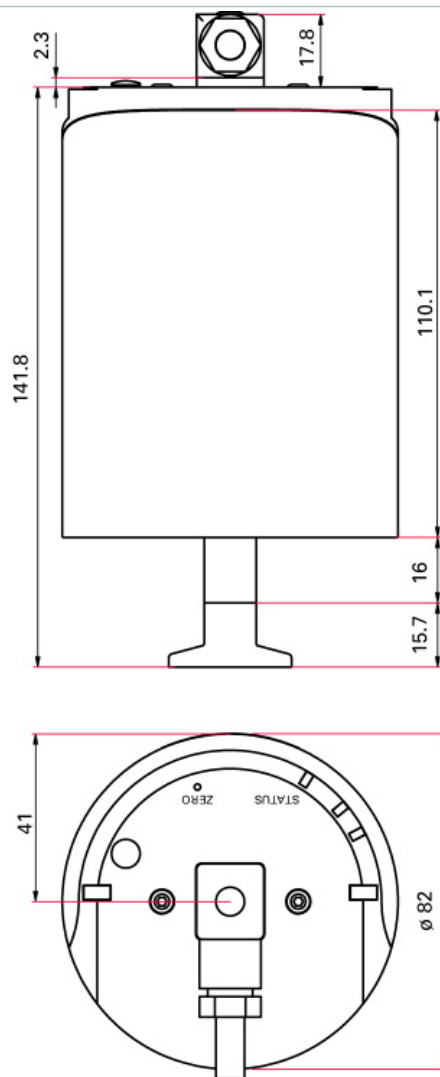


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CMR 372, 100 hPa F.S., pipe OD ½"

- Precise pressure measurement independent of type of gas
- Measurement range up to four decades
- Gauge for connection to TPG
- Measurement range from $1 \cdot 10^{-2}$ to 110 hPa
- Excellent zero stability
- Sensor in ceramic technology
- No memory effects
- Materials employed have identical temperature coefficients
- Outstanding long-term and temperature stability
- Additional protection against pollution by sensor shield
- Calibration test report included in delivery

Dimensions



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Technical Data	CMR 372, 100 hPa F.S., pipe OD ½"
Accuracy	0.15
Accuracy: % of measurement	0,15
Bakeout temperature max. at the flange	≤ 110 °C ≤ 230 °F ≤ 383 K
Full Scale	100 hPa 75 Torr 100 mbar
Measurement range max.	110 hPa 82.5 Torr 110 mbar
Measurement range min.	1 · 10 ⁻² hPa 7.5 · 10 ⁻³ Torr 1 · 10 ⁻² mbar
Membrane and measuring chamber	Ceramics (Al ₂ O ₃ 99.5 %)
Method of measurement	Capacitance
Nominal diameter	Pipe OD ½"
Output signal: Minimum load	> 10 kΩ
Output signal: Pressure range	1 - 9.8 V
Output signal: Sensor error above	> 9.8 V
Output signal: Sensor error below	< 0.4 V
Pipe and flange	Stainless steel
Pressure max.	2,000 hPa 1,500 Torr 2,000 mbar
Protection category	IP40
Resolution	0.003 % F.S.
Response time	30 ms
Supply: Power consumption max.	≤ 12 W
Supply: Voltage	14-30 V DC
Temperature: Operating	10-40 °C 50-104 °F 283-313 K
Temperature: Storage	-40-65 °C -40-149 °F 233-338 K
Temperature effect: on span	0.01 % of reading/°C
Temperature effect: on zero	0.0025 % F.S./°C
Temperature stabilization	45 °C 113 °F 318 K
Volume	≤ 4.2 cm ³
Weight	≤ 900 g

Order number
CMR 372 PT R25 110

Accessories	
Accessory for ActiveLine gauges and controllers	
Mating connector	B 4707 283 MA
Sensor cable, 3 m	PT 448 250 -T