



**CMR 374, 1 hPa F.S., pipe OD 1/2"**



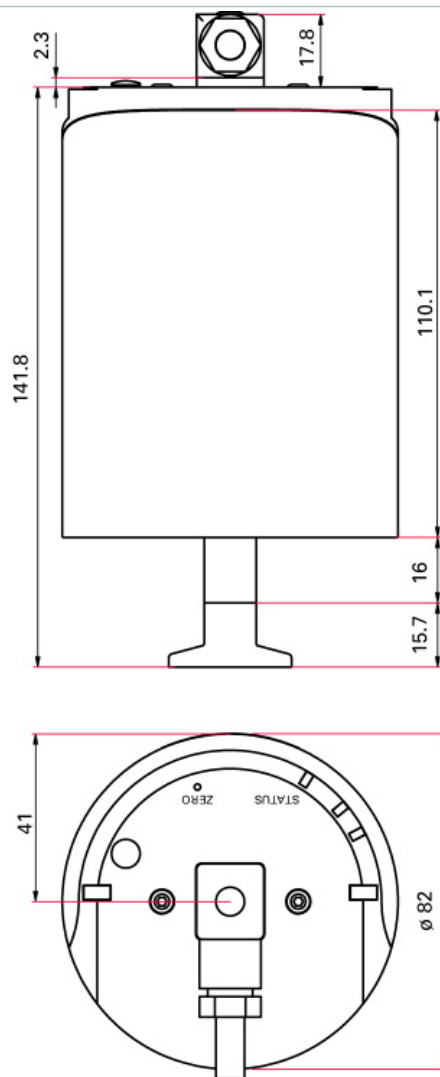


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## CMR 374, 1 hPa F.S., pipe OD ½"

- Precise pressure measurement independent of type of gas
- Measurement range up to four decades
- Gauge for connection to TPG
- Measurement range from  $1 \cdot 10^{-4}$  to 1.1 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



[www.pfeiffer-vacuum.net](http://www.pfeiffer-vacuum.net)

Technical Data		CMR 374, 1 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		1 hPa   0.75 Torr   1 mbar
Measurement range max.		1.1 hPa   0.82 Torr   1.1 mbar
Measurement range min.		1 · 10 <sup>-4</sup> hPa   7.5 · 10 <sup>-5</sup> Torr   1 · 10 <sup>-4</sup> mbar
Membrane and measuring chamber		Ceramics (Al <sub>2</sub> O <sub>3</sub> 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 <sup>3</sup>
Weight		≤ 900 g

Order number	
CMR 374	PT R25 130

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