



CMR 374, 1 hPa F.S., Rohr AD 1/2"

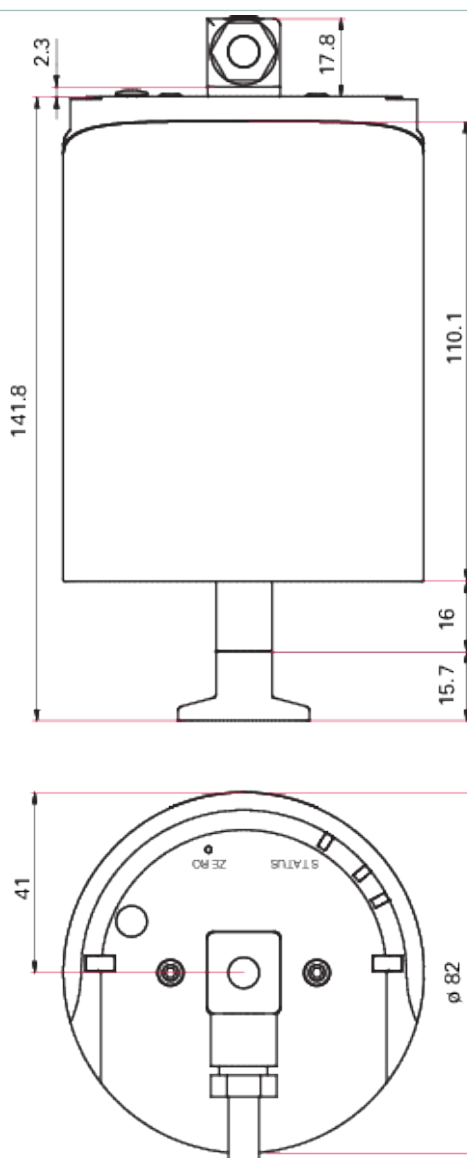


Similar Image

CMR 374, 1 hPa F.S., Rohr AD ½"

- 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



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Technical Data		CMR 374, 1 hPa F.S., Rohr AD ½"
Accuracy: % of measurement		0.15 %
Bakeout temperature at the flange		110 °C 230 °F 383 K
Full scale		1 hPa 0.75 Torr 1 mbar
Measurement range C		1 · 10 ⁻⁴ – 1.1E0 hPa
Measurement range max.		1.1 hPa 0.82 Torr 1.1 mbar
Measurement range min.		1 · 10 ⁻⁴ hPa 7.5 · 10 ⁻⁵ Torr 1 · 10 ⁻⁴ mbar
Membrane and measuring chamber		Ceramics (Al ₂ O ₃ = 99.5 %)
Method of measurement		Capacitance
Nominal diameter		Pipe OD ½"
Output signal: Measurement range		1 – 9.8 V
Output signal: Minimum load		10 kΩ
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 V DC		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 374	PT R25 130

Accessories	
Adapters (electrical) Adapter Measurement	
Mating connector	B 4707 283 MA
Cables Measurement cables	
Sensor cable, 3 m	PT 448 250 -T

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All data subject to change without prior notice.