



CMR 375, 0.1 hPa F.S., pipe OD 1/2"

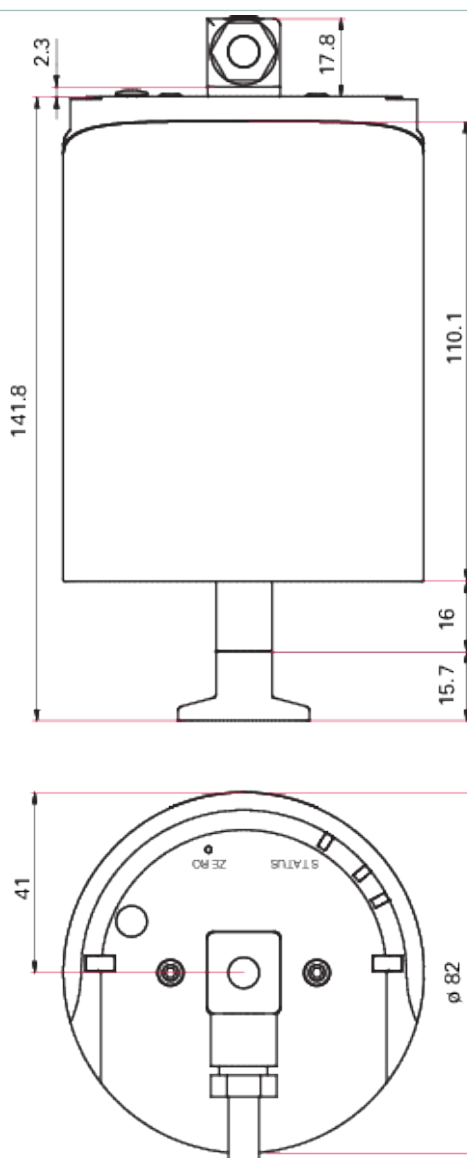


Similar Image

CMR 375, 0.1 hPa F.S., pipe OD ½"

- Measurement range from $1 \cdot 10^{-5}$ to 0.11 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 375, 0.1 hPa F.S., pipe OD ½"
Accuracy: % of measurement	0.15 %
Bakeout temperature at the flange	110 °C 230 °F 383 K
Full scale	0.1 hPa 0.07 Torr 0.1 mbar
Measurement range C	$1 \cdot 10^{-5} - 1.1 \cdot 10^{-1}$ hPa
Measurement range max.	$1.1 \cdot 10^{-1}$ hPa $8.25 \cdot 10^{-2}$ Torr $1.1 \cdot 10^{-1}$ mbar
Measurement range min.	$1 \cdot 10^{-5}$ hPa $7.5 \cdot 10^{-6}$ Torr $1 \cdot 10^{-5}$ 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.	1,300 hPa 975 Torr 1,300 mbar
Protection category	IP40
Resolution	0.003 % F.S.
Response time	130 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	0.005 % F.S./°C
Temperature stabilization	45 °C 113 °F 318 K
Volume	≤ 4.2 cm ³
Weight	900 g

Order number
CMR 375 PT R25 140

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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