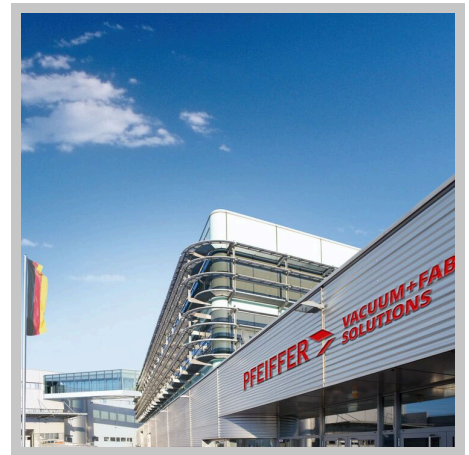




**CMR 375, 0.1 hPa F.S.,
DN 16 ISO-KF**

PFEIFFER ➤



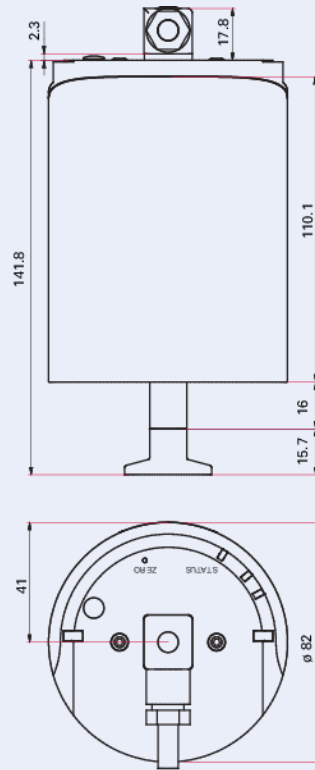
Illustration only

CMR 375, 0.1 hPa F.S., DN 16 ISO-KF

- Measurement range from $1 \cdot 10^{-5}$ – 0.11 hPa
- Minimal zero drift
- Sensor in ceramic technology
- No memory effects
- Materials employed have identical temperature coefficients
- Outstanding long-term and temperature stability
- Sensor-Shield provides additional protection against contamination
- Calibration test report included in delivery

CMR 375

Dimensions



www.pfeiffer-vacuum.net

CMR 375

Technical Data	CMR 375, 0.1 hPa F.S., DN 16 ISO-KF
Output signal: Measuring range	1 – 9.8 V
Measuring range	$1 \cdot 10^{-5}$ – $1.1 \cdot 10^{-1}$ hPa
Materials in contact with media	Ceramic ($\text{Al}_2\text{O}_3 = 99.5\%$) Stainless steel (AISI 316L)
Flange, material	Stainless steel 1.4404 (AISI 316L)
Bakeout temperature at the flange	$\leq 110^\circ\text{C}$
Temperature effect: on zero point	0,005 % F.S./ $^\circ\text{C}$
Temperature effect: on range	0.01% of measured value/ $^\circ\text{C}$
Anode	130727
Ambient temperature	10 – 40°C
Operating temperature	$\leq 45^\circ\text{C}$
Temperature: Storage, max	65°C
Temperature: Storage, min	-40°C
Measuring accuracy	0.15 % (of measured value)
Measuring method	Capacitive
Input voltage(s)	14 – 30 V DC
Volume	$\leq 4.2\text{ cm}^3$
Bakeout temperature at the flange	$\leq 110^\circ\text{C}$ $\leq 230^\circ\text{F}$ $\leq 383.15\text{ K}$
Output signal: Minimum load	10 k Ω
Pressure max.	$1.3 \cdot 10^3$ hPa $9.75 \cdot 10^2$ Torr $1.3 \cdot 10^3$ mbar
Full scale	0.1 hPa 0.075 Torr 0.1 mbar
Weight	0.9 kg 1.98 lb
Resolution	0.003 % F.S.
Pressure max.	$1.3 \cdot 10^3$ hPa
Response time	130 ms
Power consumption max.	12 W
Output signal: Minimum load	10 k Ω
Connection flange	DN 16 ISO-KF
Weight	0.9 kg

Order number	CMR 375, 0.1 hPa F.S., DN 16 ISO-KF
CMR 375, 0.1 hPa F.S., DN 16 ISO-KF	PT R25 141



Errors and/or changes excepted. - 9/30/2025

Are you looking for an optimum vacuum solution?

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