



**CMR 365, 0.1 hPa F.S.,
DN 16 ISO-KF**

PFEIFFER ➤

CMR 365

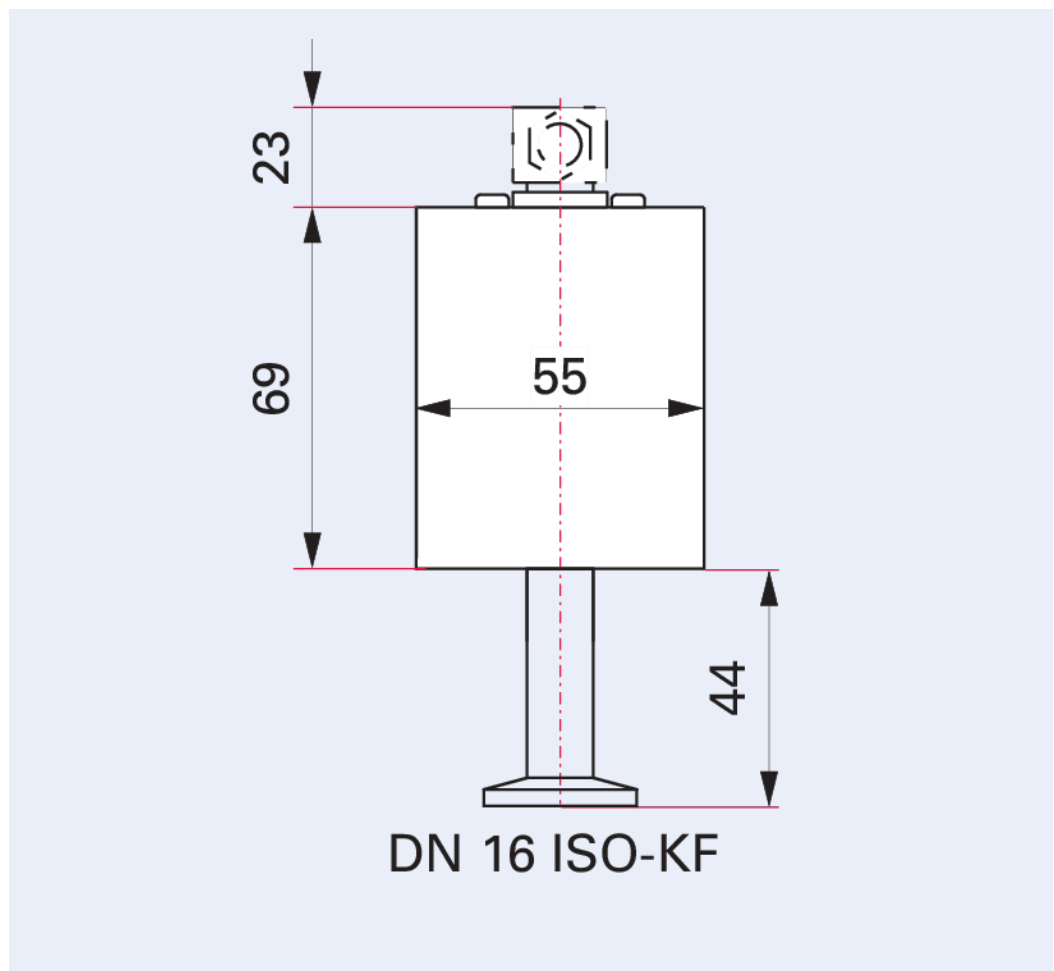


Illustration only

CMR 365, 0.1 hPa F.S., DN 16 ISO-KF

- Flange size 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
- Precise temperature compensation
- Calibration test report included in delivery

Dimensions



CMR 365

Technical Data	CMR 365, 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	0,02 % F.S./ $^\circ\text{C}$
Temperature effect: on range	0.03 % of measured value/ $^\circ\text{C}$
Anode	130727
Ambient temperature	5 – 50°C
Temperature: Storage, max	$+65^\circ\text{C}$
Temperature: Storage, min	-40°C
Measuring accuracy	0.5 % (of measured value)
Measuring method	Capacitive
Input voltage(s)	14 – 30 V DC
Volume	$\leq 3.6 \text{ cm}^3$
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.	$1.3 \cdot 10^3 \text{ hPa}$ $9.75 \cdot 10^2 \text{ Torr}$ $1.3 \cdot 10^3 \text{ mbar}$
Full scale	0.1 hPa 0.075 Torr 0.1 mbar
Weight	0.33 kg 0.73 lb
Resolution	0.003 % F.S.
Pressure max.	$1.3 \cdot 10^3 \text{ hPa}$
Response time	130 ms
Power consumption max.	1 W
Output signal: Minimum load	10 k Ω
Connection flange	DN 16 ISO-KF
Weight	0.33 kg

Order number	CMR 365, 0.1 hPa F.S., DN 16 ISO-KF
CMR 365, 0.1 hPa F.S., DN 16 ISO-KF	PT R24 641



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

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