



**CMR 362, 100 hPa F.S.,
DN 16 ISO-KF**



PFEIFFER ➤

CMR 362

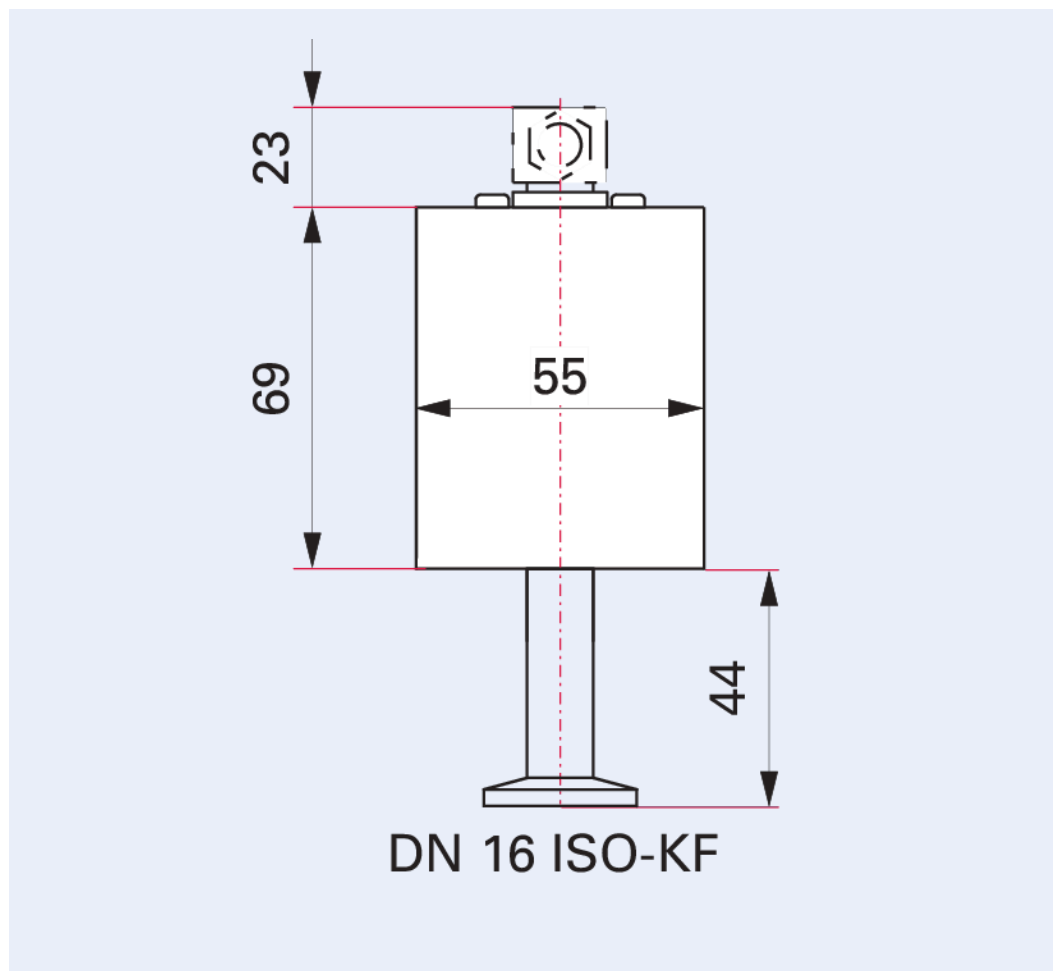


Illustration only

CMR 362, 100 hPa F.S., DN 16 ISO-KF

- Flange size DN 16 ISO-KF
- Measurement range from $1 \cdot 10^{-2}$ – 100 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 362

Technical Data	CMR 362, 100 hPa F.S., DN 16 ISO-KF
Output signal: Measuring range	1 – 9.8 V
Measuring range	$1 \cdot 10^{-2} - 1.1 \cdot 10^2$ hPa
Materials in contact with media	Ceramic ($\text{Al}_2\text{O}_3 = 99.5\%$)
Flange, material	Stainless steel
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	5 – 50 $^\circ\text{C}$
Temperature: Storage, max	+65 $^\circ\text{C}$
Temperature: Storage, min	-40 $^\circ\text{C}$
Measuring accuracy	0.2 % (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.	$2 \cdot 10^3$ hPa $1.5 \cdot 10^3$ Torr $2 \cdot 10^3$ mbar
Full scale	100 hPa 75 Torr 100 mbar
Weight	0.33 kg 0.73 lb
Resolution	0.003 % F.S.
Pressure max.	$2 \cdot 10^3$ hPa
Response time	30 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 362, 100 hPa F.S., DN 16 ISO-KF
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Errors and/or changes excepted. - 9/30/2025

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Germany
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