CMR 371, 1000 hPa F.S., DN 16 ISO-KF

PFEIFFER

CMR 371

Illustration only

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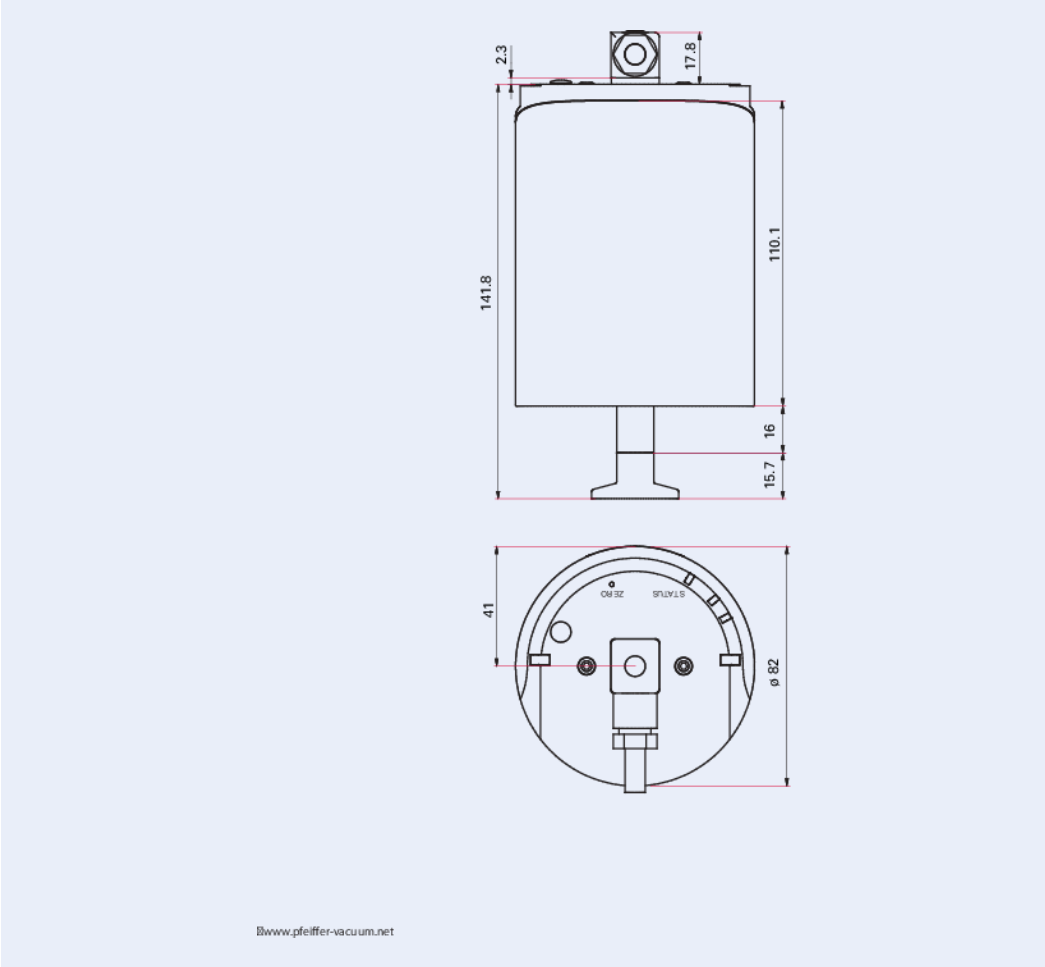
- Measurement range from $1 \cdot 10^{-1}$ – 1100 hPa
- Minimal zero drift
- Sensor in ceramic technology
- No memory effects
- Materials employed have identical temperature coefficients
- Outstanding long-term and temperature stability
- Sensor-Shield provides additional protection against contamination
- Calibration test report included in delivery

Dimensions


2.3
17.8
141.8
110.1
16
15.7
41
ø 82
STATUS
ZERO
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CMR 371

Technical Data	CMR 371, 1000 hPa F.S., DN 16 ISO-KF
Output signal: Measuring range	1 – 9.8 V
Measuring range	$1 \cdot 10^{-1}$ – $1.1 \cdot 10^{3}$ hPa
Materials in contact with media	Ceramic (Al_2O_3 = 99.5 %) | Stainless steel (AISI 316L)
Flange, material	Stainless steel 1.4404 (AISI 316L)
Bakeout temperature at the flange	≤110 °C
Temperature effect: on zero point	0,0025 % F.S./°C
Temperature effect: on range	0.01% of measured value/ °C
Anode	130727
Ambient temperature	10 – 40 °C
Operating temperature	≤ 45 °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	≤4.2 cm^3
Bakeout temperature at the flange	≤110 °C | ≤230 °F | ≤383.15 K
Output signal: Minimum load	10 kΩ
Pressure max.	$3 \cdot 10^{3}$ hPa | $2.25 \cdot 10^{3}$ Torr | $3 \cdot 10^{3}$ mbar
Full scale	1,000 hPa | 750 Torr | 1,000 mbar
Weight	0.9 kg | 1.98 lb
Resolution	0.003 % F.S.
Pressure max.	$3 \cdot 10^{3}$ hPa
Response time	30 ms
Power consumption max.	12 W
Output signal: Minimum load	10 kΩ
Connection flange	DN 16 ISO-KF
Weight	0.9 kg

Order number	CMR 371, 1000 hPa F.S., DN 16 ISO-KF
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Are you looking for an optimum vacuum solution?

Talk to us:
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Or scan the barcode, to visit our web page:

https://webportal.pfeiffer-vacuum.com/global/en/contact

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