CCR 364, 1 Torr F.S., DN 16 CF-R

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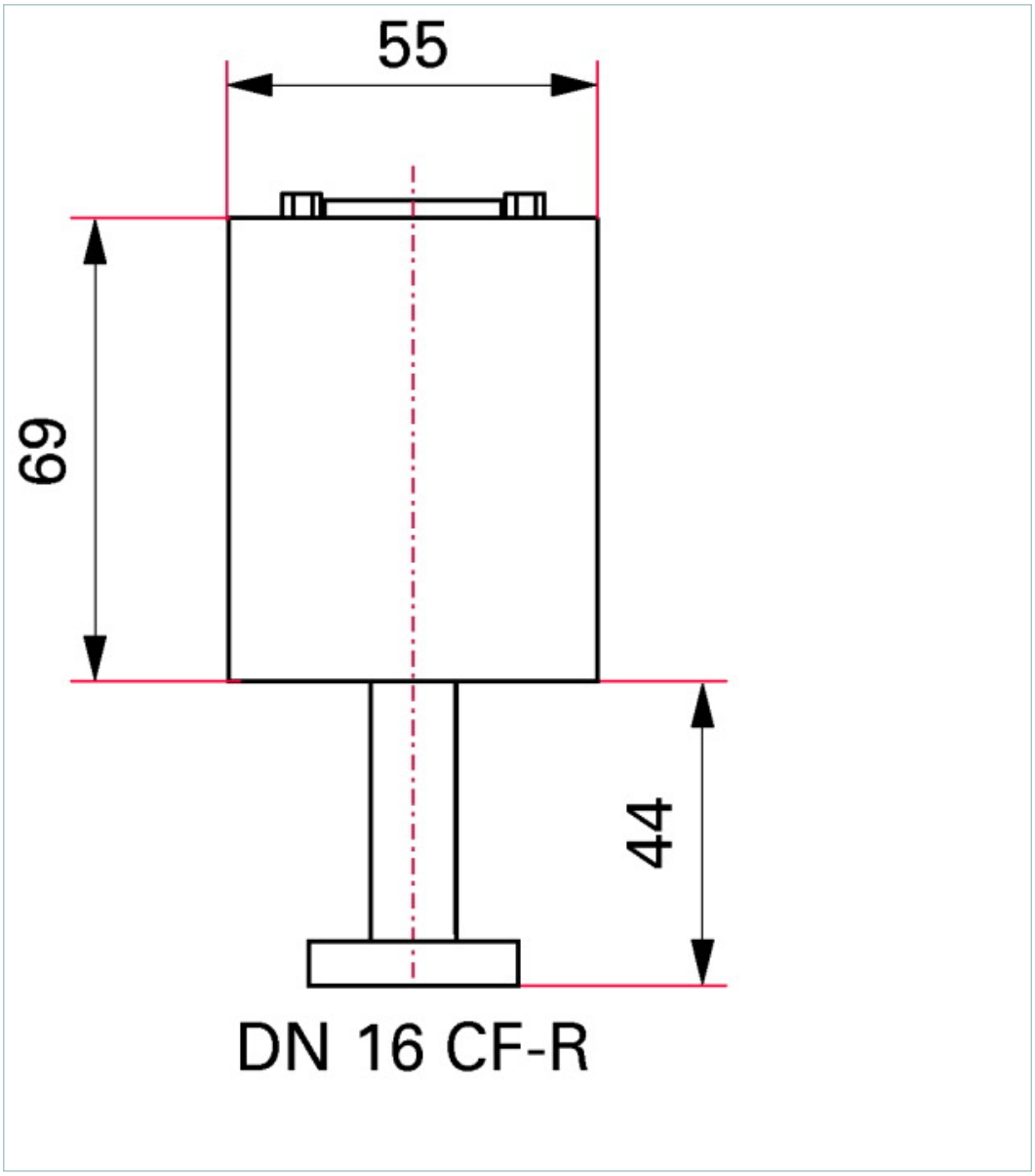
PFEIFFER VACUUM

Similar Image

CCR 364, 1 Torr F.S., DN 16 CF-R

- Precise pressure measurement independent of type of gas
- Measurement range up to four decades
- Connector plug D-sub 15-pole, output signal and plug-and-socket connector compatible with MKS Baratron®
- Measurement range from 1.33 · 10^{-4} hPa to 1.33 hPa
- Accuracy: 0.2 % of measurement
- Supply voltage: 14 – 30 V
- Output signal: 0 – 10 V
- Ceramic technology sensor
- No memory effects
- Precise temperature compensation
- Minimal zero drift
- Output signal an connector compatible with MKS Baratron
- Calibration test report included in delivery

Dimensions



Technical Data	CCR 364, 1 Torr F.S., DN 16 CF-R
Accuracy	0.20 % of reading
Bakeout temperature max. at the flange	≤ 110 °C | ≤ 230 °F | ≤ 383 K
Full Scale	1 Torr
Measurement range max.	1.33 hPa | 1 Torr | 1.33 mbar
Measurement range min.	$1.33 \cdot 10^{-4}$ hPa | $9.98 \cdot 10^{-5}$ Torr | $1.33 \cdot 10^{-4}$ mbar
Membrane and measuring chamber	Ceramics (Al_2O_3 99.5 %)
Method of measurement	Capacitance
Nominal diameter	DN 16 CF-R
Output signal: Minimum load	> 10 kΩ
Output signal: Pressure range	0-10 V
Pipe and flange	Stainless steel
Pressure max.	2,000 hPa | 1,500 Torr | 2,000 mbar
Protection category	IP30
Resolution	0.003 % F.S.
Response time	30 ms
Sensor cable length	100 m (0.14 mm² conductor) m
Supply: Power consumption max.	≤ 1 W
Supply: Voltage	14-30 V DC
Temperature: Operating	5-50 °C | 41-122 °F | 278-323 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	0.015 % F.S./°C
Volume	≤ 3.6 cm^3
Weight	≤ 370 g

Order number	
CCR 364	**PT R27 632**