



CCR 362, 100 Torr F.S., DN 16 CF-R



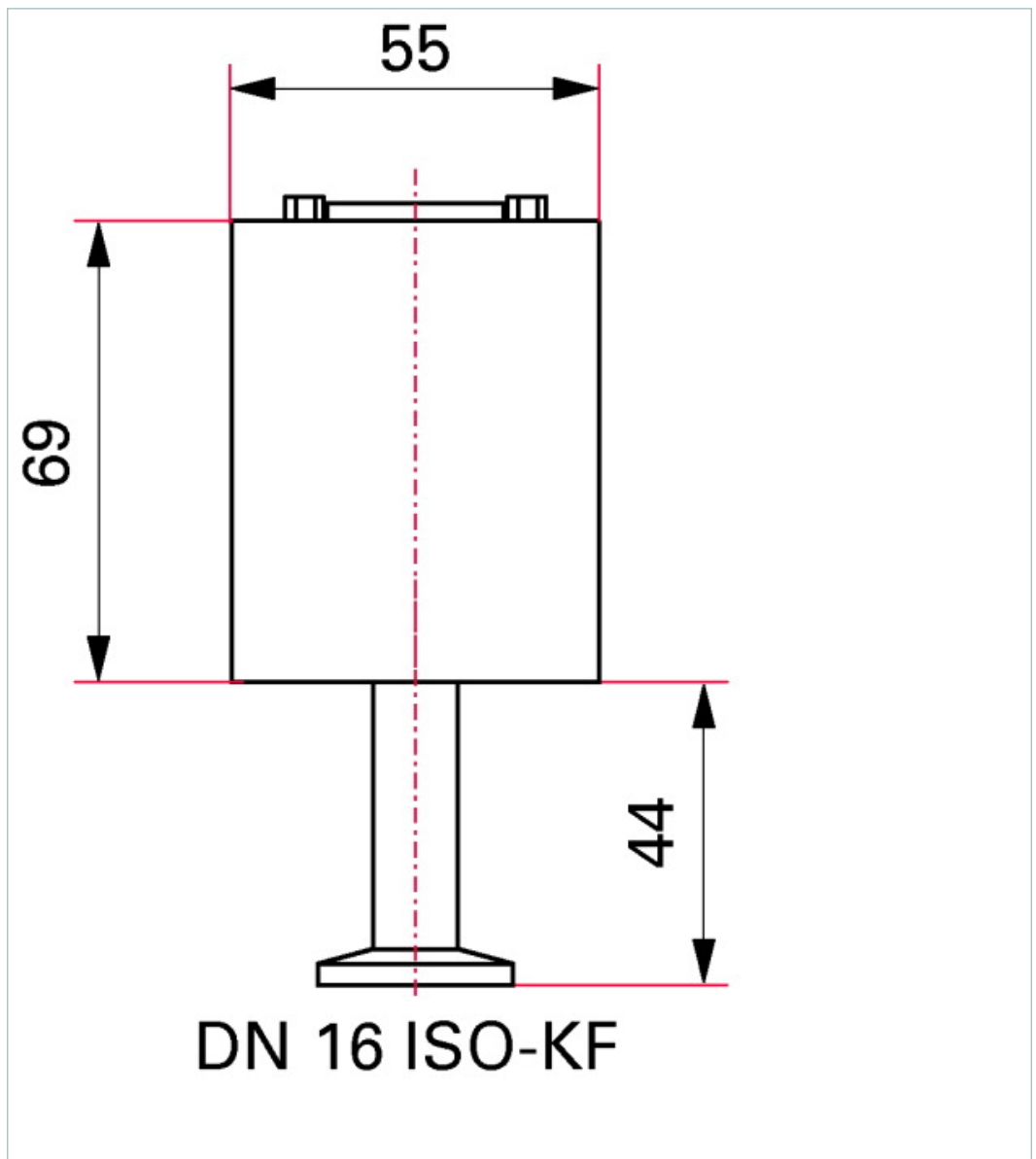


Similar Image

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- 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 $1.33 \cdot 10^{-2}$ hPa to 133 hPa
- Accuracy: 0.2 % of measurement
- Supply voltage: 14 – 30 V
- Output signal: 0 – 10 V
- Ceramic technology sensor
- No memory effects
- Excellent temperature compensation
- Excellent zero stability
- Output signal an connector compatible with MKS Baratron
- Calibration test report included in delivery

Dimensions



Technical Data		CCR 362, 100 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	100 Torr		
Measurement range max.	133 hPa 99.75 Torr 133 mbar		
Measurement range min.	1.33 · 10 ⁻² hPa 9.97 · 10 ⁻³ Torr 1.33 · 10 ⁻² mbar		
Membrane and measuring chamber	Ceramics (Al ₂ O 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	0.005 % F.S./°C		
Volume	≤ 3.6 cm³		
Weight	≤ 370 g		
Order number			
CCR 362		PT R27 612	