



CCR 372, 100 Torr F.S., DN 16 CF-R



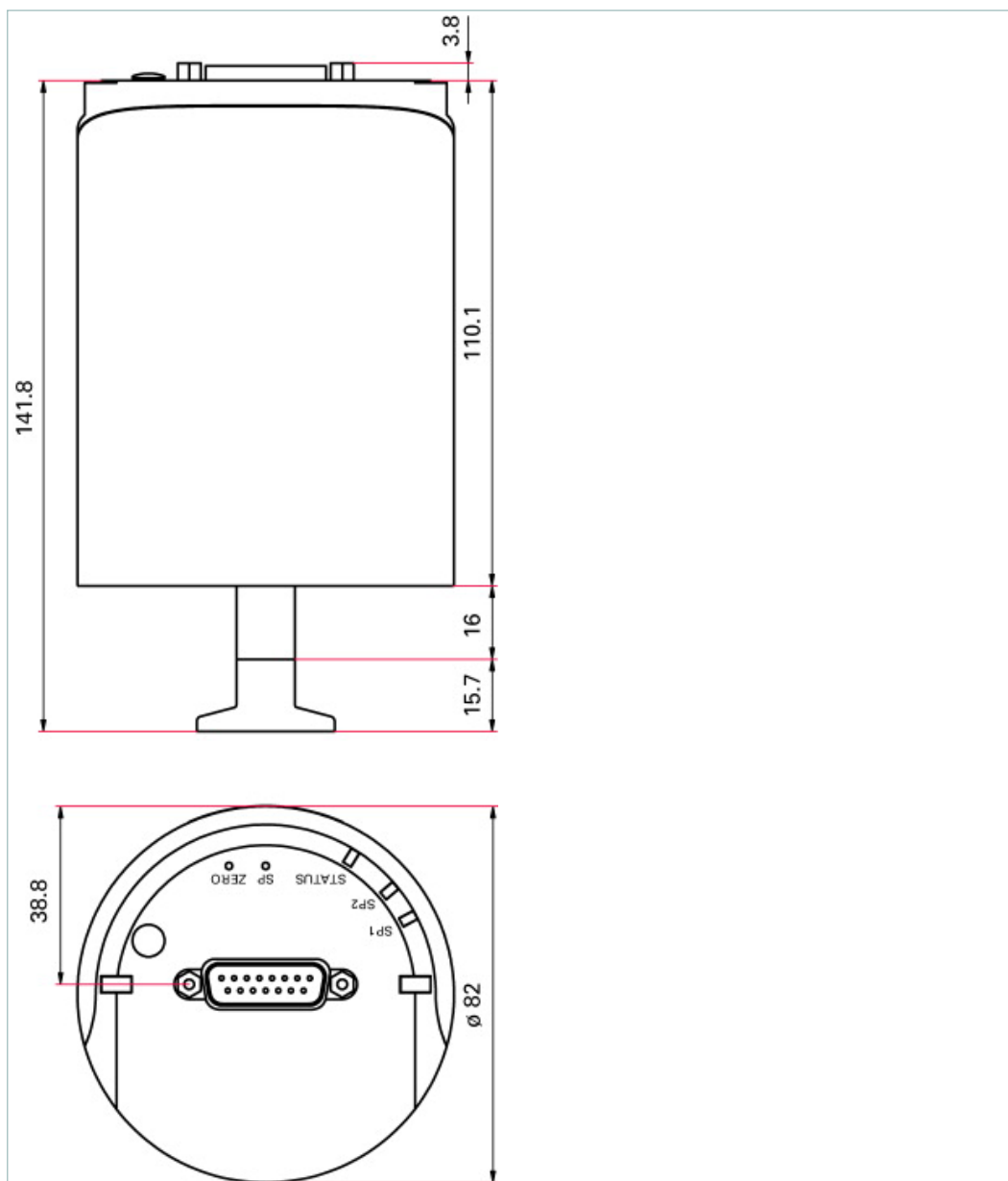


Similar Image

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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 from $1.33 \cdot 10^{-2}$ hPa to 133 hPa
- Fully equivalent replacement for MKS
- Outstanding long-term and temperature stability
- Only marginal zero drift
- Corrosion-resistant ceramic technology
- Additional protection against pollution by Sensorshield
- Output signal an connector compatible with MKS Baratron
- Excellent zero stability
- Calibration test report included in delivery

Dimensions



Technical Data		CCR 372, 100 Torr F.S., DN 16 CF-R	
Accuracy		0,15	
Accuracy: % of measurement		0,15	
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		IP40	
Resolution		0.003 % F.S.	
Supply: Power consumption max.		≤ 12 W	
Supply: Voltage		14-30 V DC	
Temperature: Operating		10-40 °C 50-104 °F 283-313 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		0.0025 % F.S./°C	
Volume		≤ 4.2 cm ³	
Weight		≤ 900 g	
Order number			
CCR 372		PT R28 112	