

CCR 375, 0.1 Torr F.S., pipe OD ½"

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PFEIFFER VACUUM

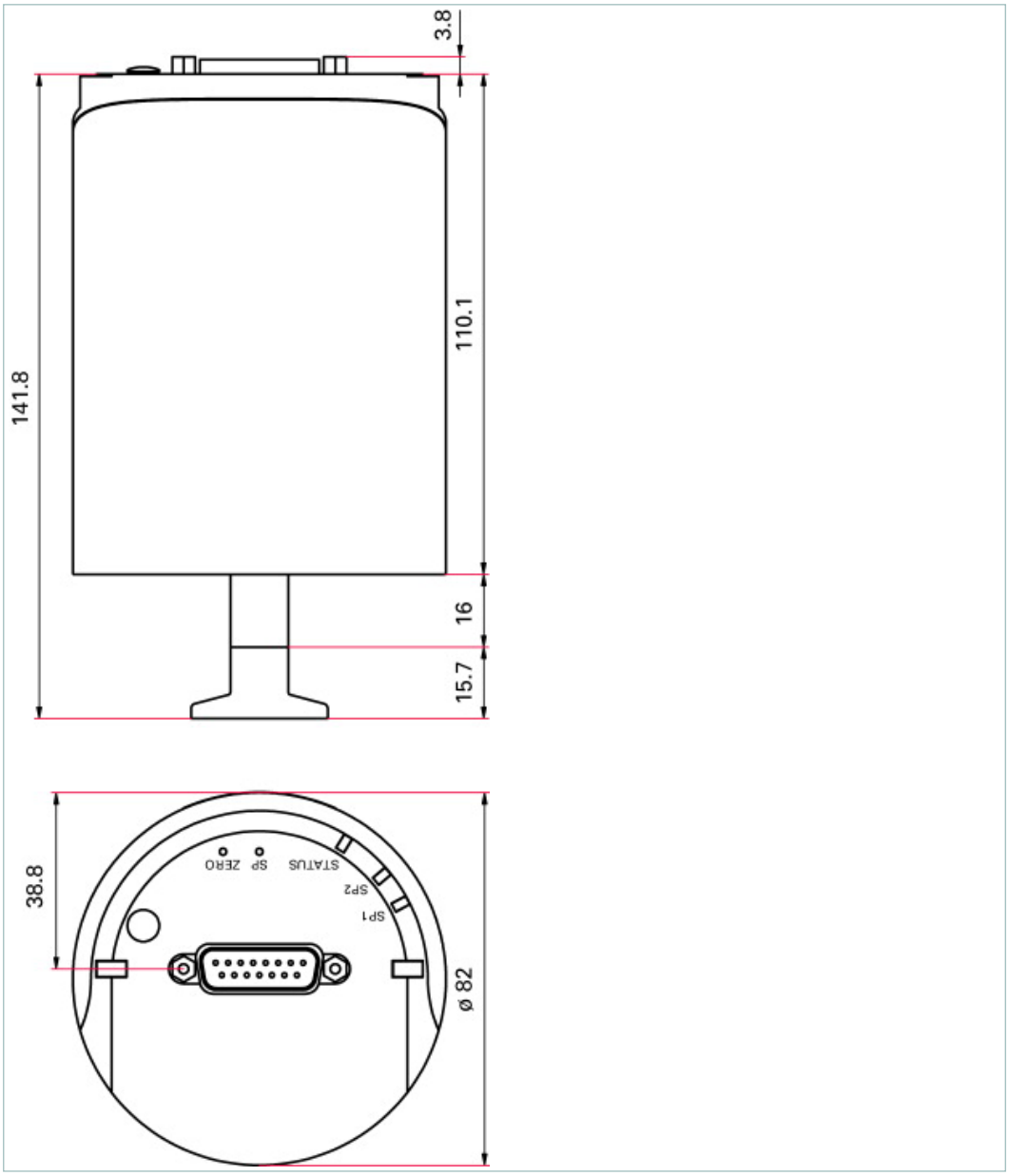


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- Precise pressure measurement independent of type of gas
- Measurement range up to four decades
- Connector plug D-sub 15-pole, output signal and plug-and-socket connector compatible with MKS Baratron®
- Measurement range from 1.33 · 10^{-5} hPa to 0.13 hPa
- 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
- Fully equivalent replacement for MKS
- Excellent zero stability
- Calibration test report included in delivery

Dimensions



Technical Data	CCR 375, 0.1 Torr F.S., pipe OD ½"
Accuracy	0,15
Accuracy: % of measurement	0,15
Bakeout temperature max. at the flange	≤ 110 °C | ≤ 230 °F | ≤ 383 K
Full Scale	0.1 Torr
Measurement range max.	0.13 hPa | 0.1 Torr | 0.13 mbar
Measurement range min.	$1.33 \cdot 10^{-5}$ hPa | $9.97 \cdot 10^{-6}$ Torr | $1.33 \cdot 10^{-5}$ mbar
Membrane and measuring chamber	Ceramics (Al_2O_3 99.5 %)
Method of measurement	Capacitance
Nominal diameter	Pipe OD ½"
Output signal: Minimum load	> 10 kΩ
Output signal: Pressure range	0-10 V
Pipe and flange	Stainless steel
Pressure max.	1,300 hPa | 975 Torr | 1,300 mbar
Protection category	IP40
Resolution	0.003 % F.S.
Response time	130 ms
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 375	**PT R28 140**