



**CCR 371, 1000 Torr F.S.,  
pipe OD 1½"**



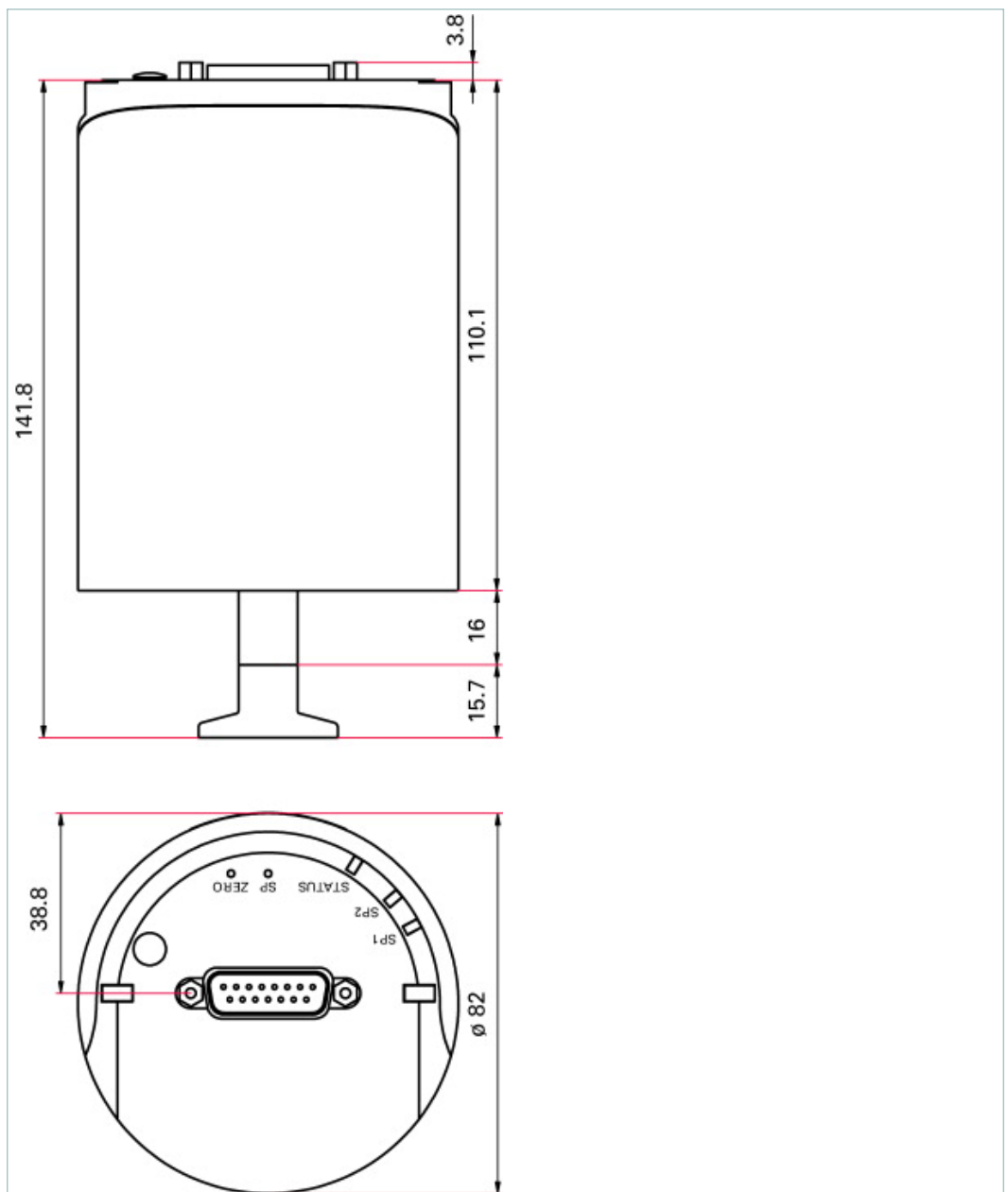


Similar Image

## CCR 371, 1000 Torr F.S., pipe OD ½"

- 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  $1.33 \cdot 10^{-1}$  hPa to 1333 hPa
- Output signal an connector compatible with MKS Baratron
- Outstanding long-term and temperature stability
- Only marginal zero drift
- Corrosion-resistant ceramic technology
- Additional protection against pollution by Sensorshield
- Excellent zero stability
- Calibration test report included in delivery

### Dimensions



Technical Data	CCR 371, 1000 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	1000 Torr
Measurement range max.	1,333 hPa   999.75 Torr   1,333 mbar
Measurement range min.	1.33 · 10 <sup>-1</sup> hPa   9.98 · 10 <sup>-2</sup> Torr   1.33 · 10 <sup>-1</sup> mbar
Membrane and measuring chamber	Ceramics (Al <sub>2</sub> O <sub>3</sub> 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.	3,000 hPa   2,250 Torr   3,000 mbar
Protection category	IP40
Resolution	0.003 % F.S.
Response time	30 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 <sup>3</sup>
Weight	≤ 900 g
Order number	
CCR 371	PT R28 100