



CCR 372, 100 Torr F.S., pipe OD 1/2"



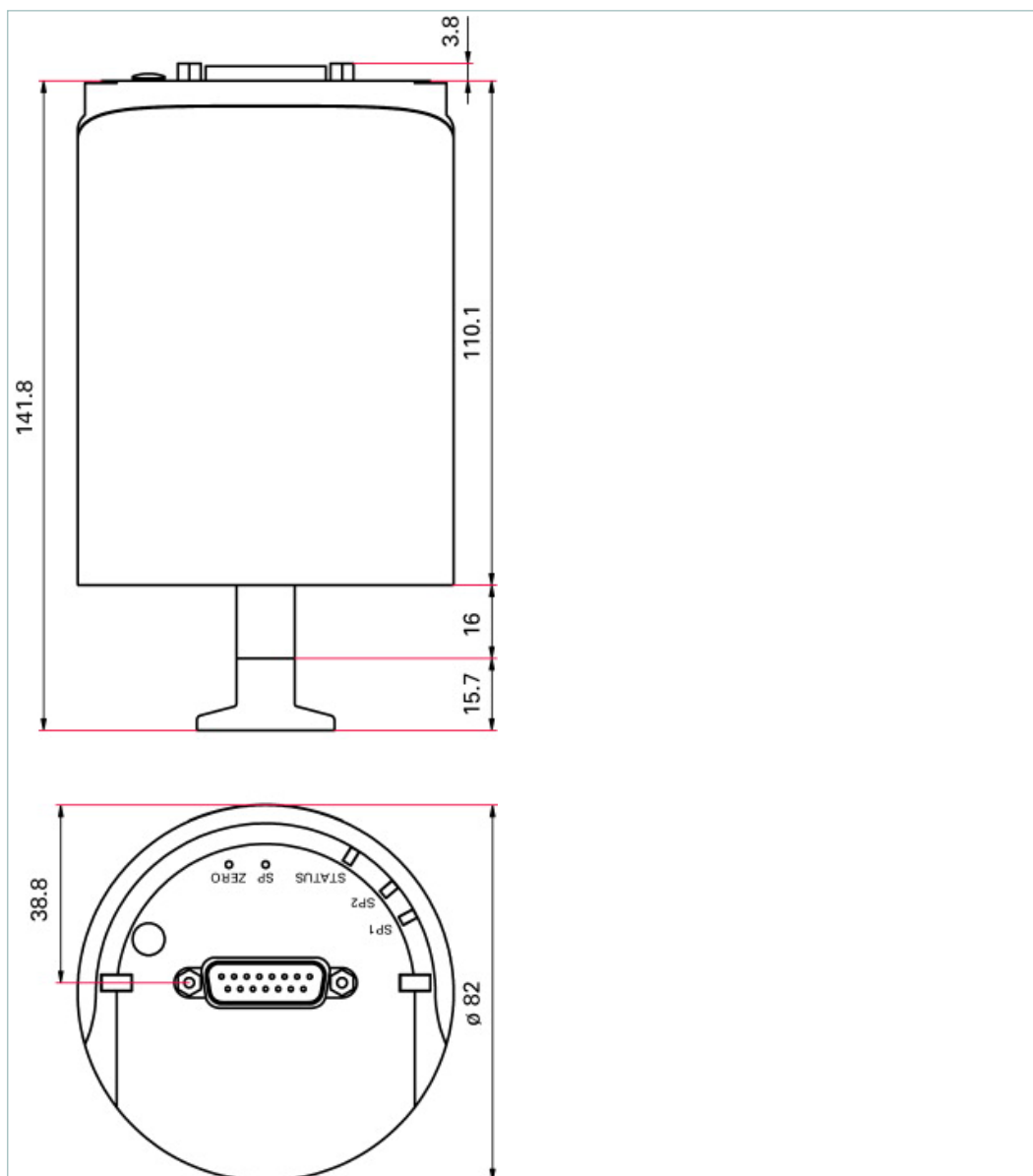


Similar Image

CCR 372, 100 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 $1.33 \cdot 10^{-2}$ 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
- Fully equivalent replacement for MKS
- Excellent zero stability
- Calibration test report included in delivery

Dimensions



| Technical Data | CCR 372, 100 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 | 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 | Pipe OD ½" |
| 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. |
| 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 ³ |
| Weight | ≤ 900 g |

| Order number | |
|--------------|------------|
| CCR 372 | PT R28 110 |