



CCR 375, 0,1 Torr F.S., DN 16 CF-R



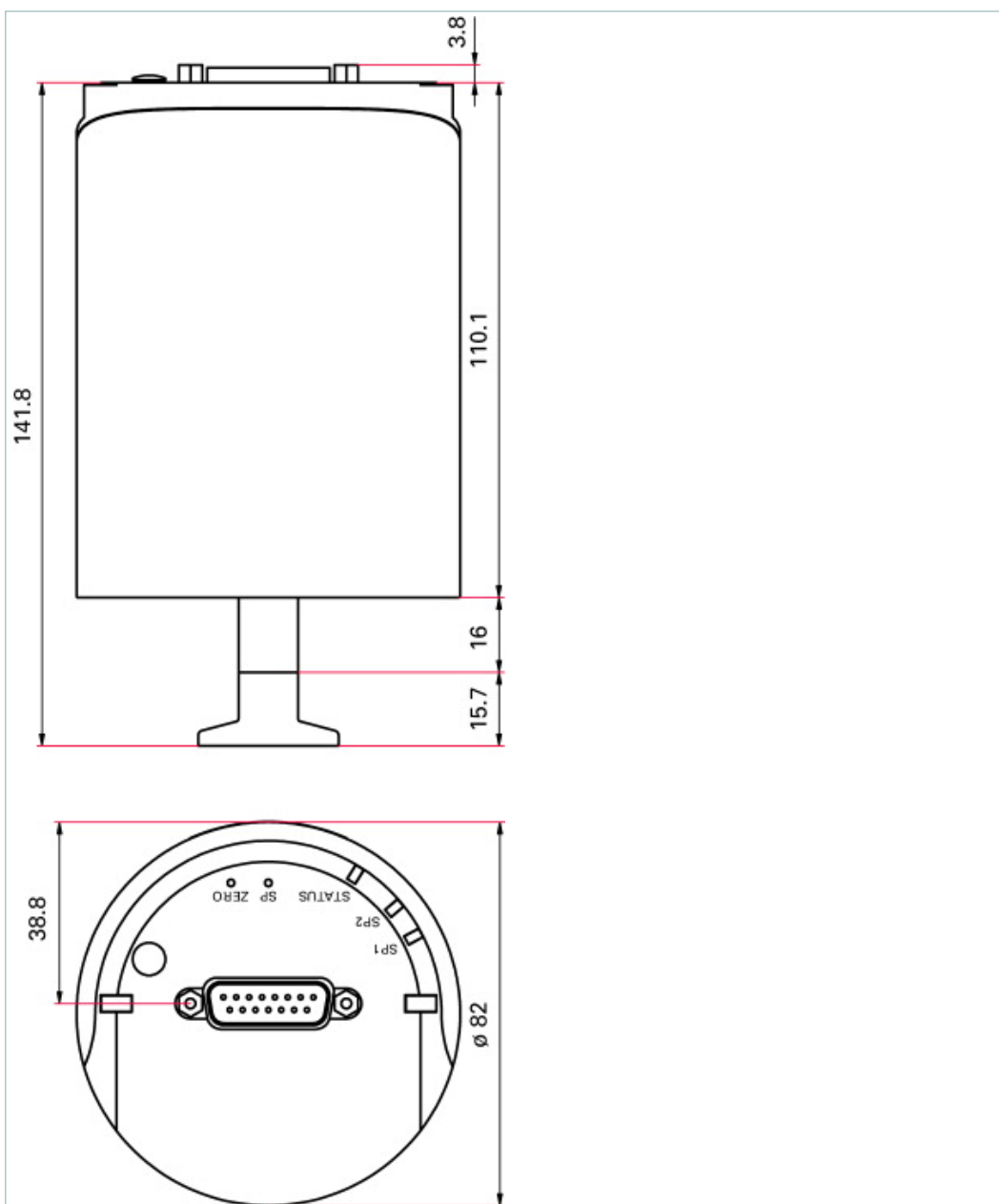


Similar Image

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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 $1.33 \cdot 10^{-5}$ 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
- Excellent zero stability
- Calibration test report included in delivery

Dimensions



| Technical Data | CCR 375, 0,1 Torr F.S., DN 16 CF-R |
|--|--|
| Accuracy | 0.15 |
| Accuracy: % of measurement | 0,15 |
| Bakeout temperature max. at the flange | $\leq 110\text{ }^{\circ}\text{C}$ $\leq 230\text{ }^{\circ}\text{F}$ $\leq 383\text{ K}$ |
| Full scale | 0.1 Torr |
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| Measurement range max. | 0.13 hPa 0.1 Torr 0.13 mbar |
| Measurement range min. | $1.33 \cdot 10^{-5}\text{ hPa}$ $9.97 \cdot 10^{-6}\text{ Torr}$ $1.33 \cdot 10^{-5}\text{ mbar}$ |
| Membrane and measuring chamber | Ceramics (Al_2O_3 99.5 %) |
| Method of measurement | Capacitance |
| Nominal diameter | DN 16 CF-R |
| Output signal: Minimum load | $> 10\text{ k}\Omega$ |
| 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. |
| Supply: Power consumption max. | $\leq 12\text{ W}$ |
| Supply: Voltage | 14-30 V DC |
| Temperature: Operating | $10\text{-}40\text{ }^{\circ}\text{C}$ $50\text{-}104\text{ }^{\circ}\text{F}$ $283\text{-}313\text{ K}$ |
| Temperature: Storage | $\text{-}40\text{-}65\text{ }^{\circ}\text{C}$ $\text{-}40\text{-}149\text{ }^{\circ}\text{F}$ $233\text{-}338\text{ K}$ |
| Temperature effect: on span | 0.01 % of reading/ $^{\circ}\text{C}$ |
| Temperature effect: on zero | 0.0025 % F.S./ $^{\circ}\text{C}$ |
| Volume | $\leq 4.2\text{ cm}^3$ |
| Weight | $\leq 900\text{ g}$ |
| Order number | |
| CCR 375 | PT R28 142 |