


# CMR 361, 1000 hPa F.S., pipe OD ½"

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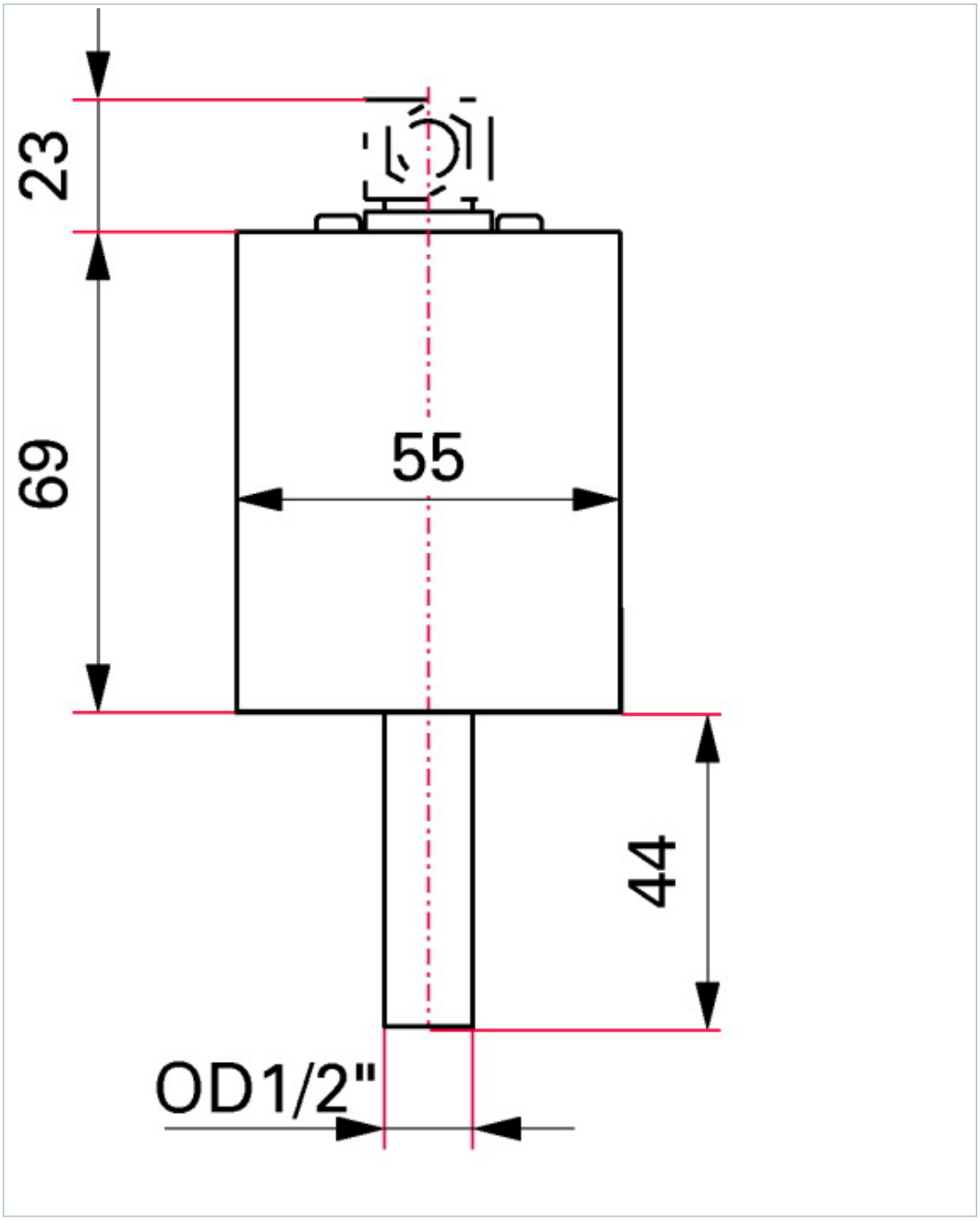
## CMR 361, 1000 hPa F.S., pipe OD ½"




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- Precise pressure measurement independent of type of gas
- Measurement range up to four decades
- Gauge for connection to TPG
- Measurement range from 1 · $10^{-1}$ hPa to 1100 hPa
- Minimal zero drift
- Sensor in ceramic technology
- No memory effects
- Materials employed have identical temperature coefficients
- Precise temperature compensation
- Calibration test report included in delivery

**Dimensions**



| Technical Data | CMR 361, 1000 hPa F.S., pipe OD ½" |
|---|---|
| Accuracy | 0.20 % of reading |
| Bakeout temperature max. at the flange | ≤ 110 °C \| ≤ 230 °F \| ≤ 383 K |
| Full Scale | 1,000 hPa \| 750 Torr \| 1,000 mbar |
| Measurement range max. | 1,100 hPa \| 825 Torr \| 1,100 mbar |
| Measurement range min. | $1 \cdot 10^{-1}$ hPa \| $7.5 \cdot 10^{-2}$ Torr \| $1 \cdot 10^{-1}$ 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 | 1 - 9.8 V |
| Output signal: Sensor error above | > 9.8 V |
| Output signal: Sensor error below | < 0.4 V |
| Pipe and flange | Stainless steel |
| Pressure max. | 3,000 hPa \| 2,250 Torr \| 3,000 mbar |
| Protection category | IP30 |
| Resolution | 0.003 % F.S. |
| Response time | 30 ms |
| Sensor cable length | ≤ 120 m |
| Supply: Power consumption max. | ≤ 1 W |
| Supply: Voltage | 14-30 V DC |
| Temperature: Operating | 5-50 °C \| 41-122 °F \| 278-323 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 | 0.005 % F.S./°C |
| Volume | ≤ 3.6 $cm^3$ |
| Weight | ≤ 310 g |

| Order number | |
|---|---|
| CMR 361 | **PT R24 600** |

| Accessories | |
|---|---|
| **Accessory for ActiveLine gauges and controllers** | |
| Mating connector | **B 4707 283 MA** |
| Sensor cable, 3 m | **PT 448 250 -T** |