



CMR 364, 1 hPa F.S., pipe OD 1/2"

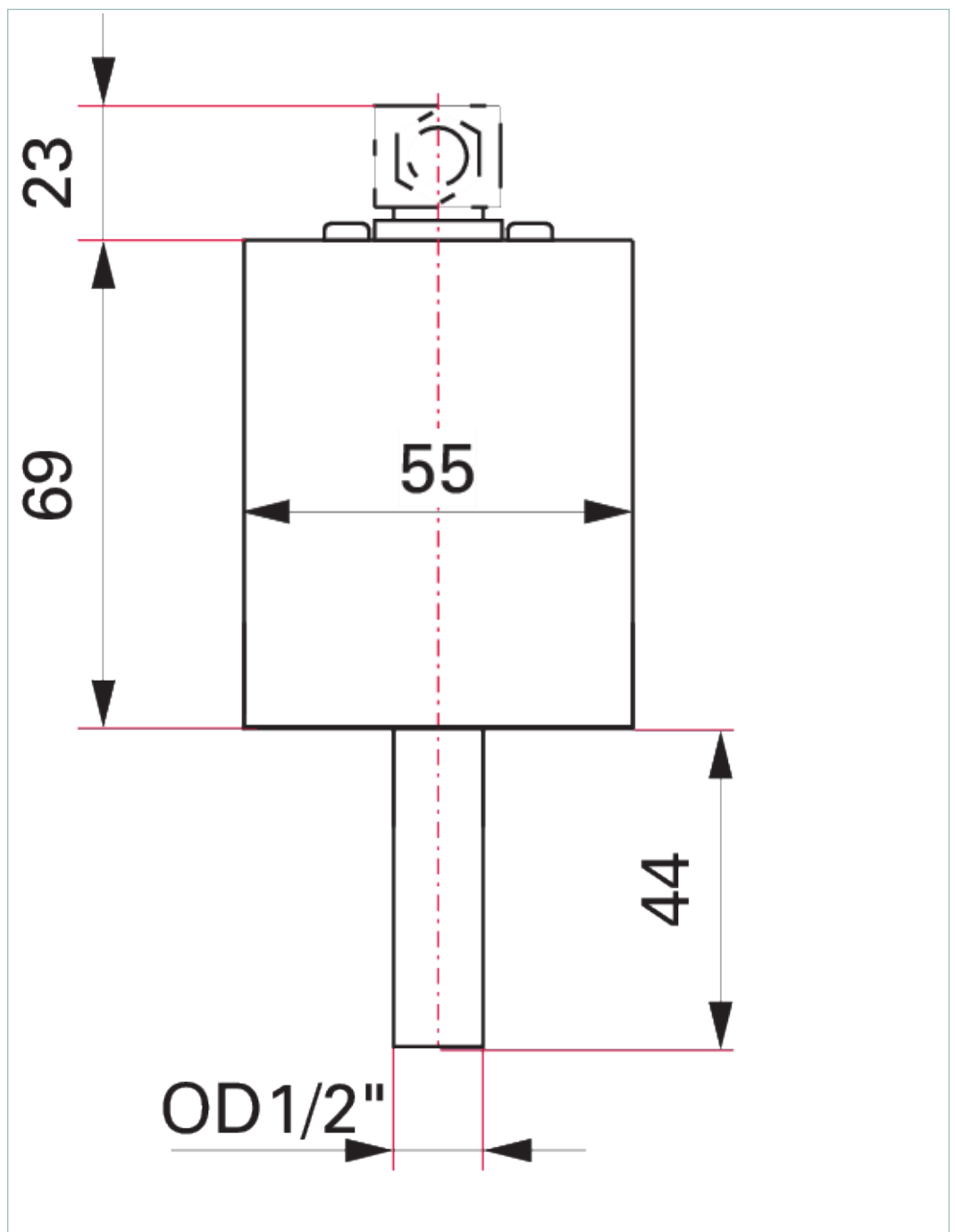


Similar Image

CMR 364, 1 hPa F.S., pipe OD 1/2"

- Measurement range from $1 \cdot 10^{-4}$ hPa to 1.1 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
- Minimal zero drift

Dimensions



Technical Data	CMR 364, 1 hPa F.S., pipe OD ½"
Accuracy: % of measurement	0.20 %
Bakeout temperature at the flange	110 °C 230 °F 383 K
Full scale	1 hPa 0.75 Torr 1 mbar
Measurement range C	1 · 10 ⁻⁴ – 1.1E0 hPa
Measurement range max.	1.1 hPa 0.82 Torr 1.1 mbar
Measurement range min.	1 · 10 ⁻⁴ hPa 7.5 · 10 ⁻⁵ Torr 1 · 10 ⁻⁴ mbar
Membrane and measuring chamber	Ceramics (Al ₂ O ₃ = 99.5 %)
Method of measurement	Capacitance
Nominal diameter	Pipe OD ½"
Output signal: Measurement range	1 – 9.8 V
Output signal: Minimum load	10 kΩ
Pipe and flange	Stainless steel
Pressure max.	2,000 hPa 1,500 Torr 2,000 mbar
Protection category	IP30
Resolution	0.003 % F.S.
Response time	30 ms
Sensor cable length	120 m
Sensor cable length max.	120 m
Supply: Power consumption max.	≤ 1 W
Supply: Voltage V DC	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	0.015 % F.S./°C
Volume	≤ 3.6 cm ³
Weight	310 g

Order number	
CMR 364	PT R24 630

Accessories	
Adapters (electrical) Adapter Measurement	
Mating connector	B 4707 283 MA
Cables Measurement cables	
Sensor cable, 3 m	PT 448 250 -T

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