



CMR 365, 0.1 hPa F.S., pipe OD 1/2"

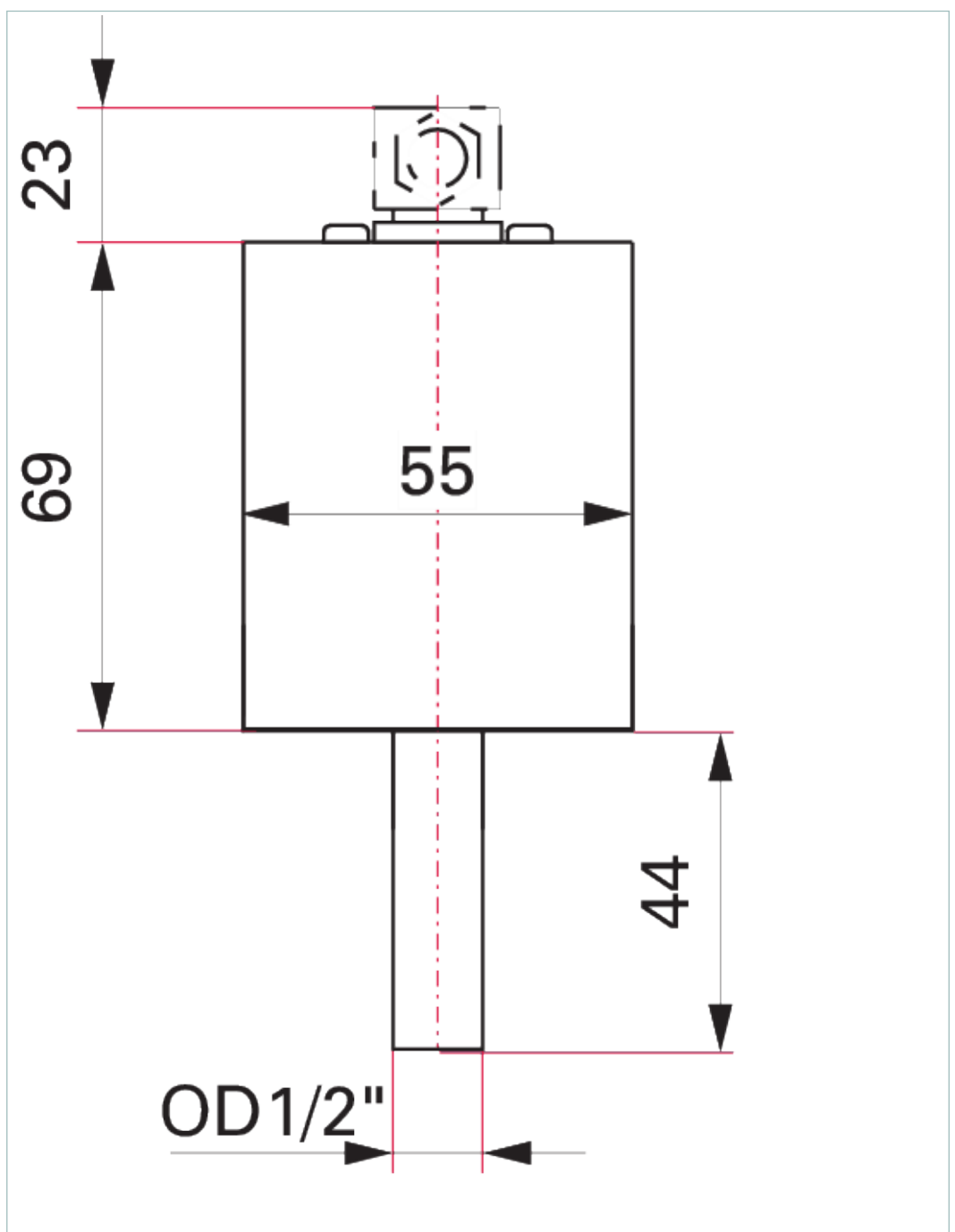


Similar Image

CMR 365, 0.1 hPa F.S., pipe OD ½"

- Measurement range from $1 \cdot 10^{-5}$ hPa to 0.11 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
- Outstanding zero stability

Dimensions



Technical Data	CMR 365, 0.1 hPa F.S., pipe OD ½"
Accuracy: % of measurement	0.50 %
Bakeout temperature at the flange	110 °C 230 °F 383 K
Full scale	0.1 hPa 0.07 Torr 0.1 mbar
Measurement range C	$1 \cdot 10^{-5} - 1.1 \cdot 10^{-1}$ hPa
Measurement range max.	$1.1 \cdot 10^{-1}$ hPa $8.25 \cdot 10^{-2}$ Torr $1.1 \cdot 10^{-1}$ mbar
Measurement range min.	$1 \cdot 10^{-5}$ hPa $7.5 \cdot 10^{-6}$ Torr $1 \cdot 10^{-5}$ 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.	1,300 hPa 975 Torr 1,300 mbar
Protection category	IP30
Resolution	0.003 % F.S.
Response time	130 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	5-20 °C 41-68 °F 278-293 K
Temperature: Storage	-40-65 °C -40-149 °F 233-338 K
Temperature effect: on span	0.03 % of reading/°C
Temperature effect: on zero	0.02 % F.S./°C
Volume	≤ 3.6 cm³
Weight	310 g

Order number	
CMR 365	PT R24 640

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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