



CMR 363, 10 hPa F.S., pipe OD 1/2"

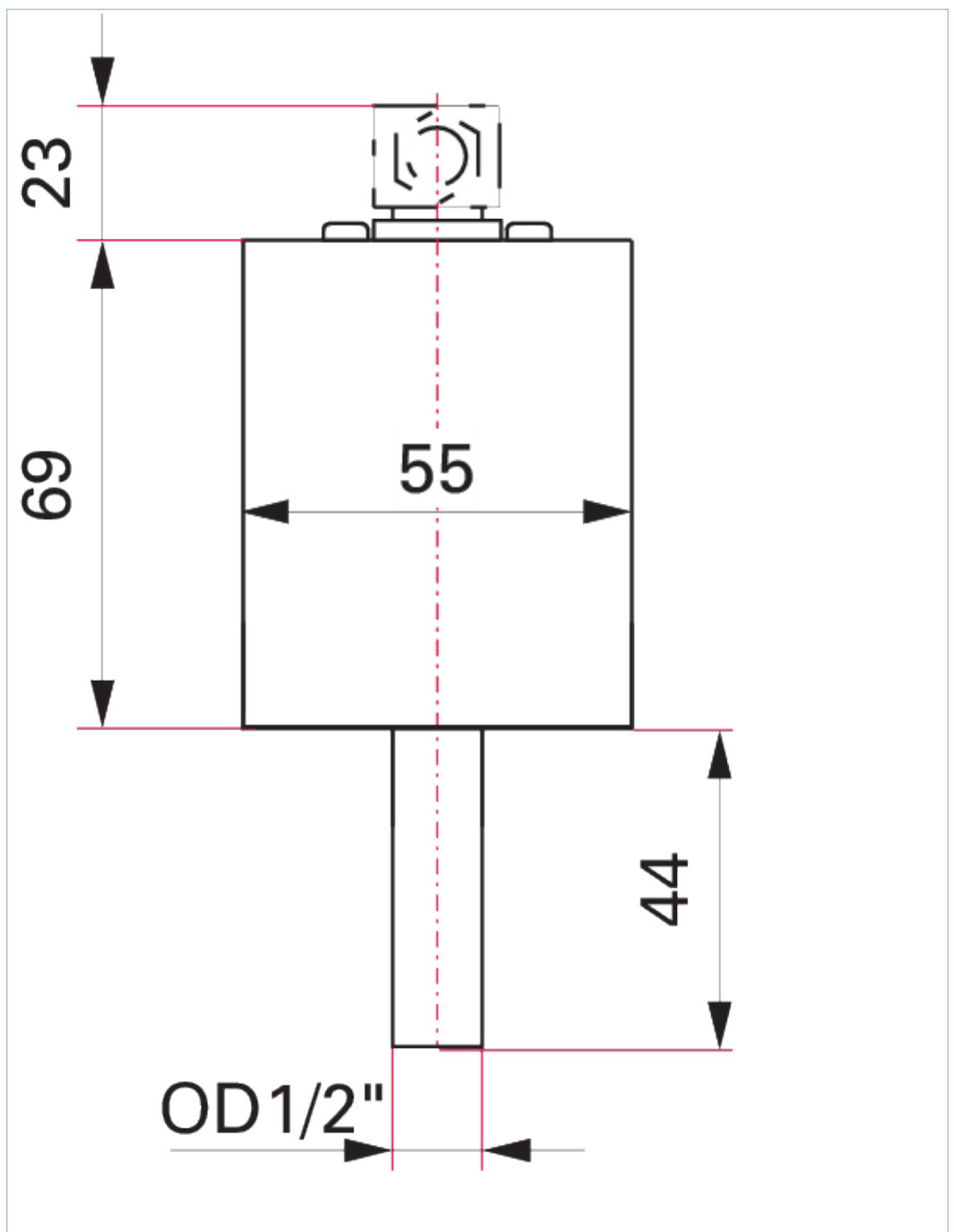


Similar Image

CMR 363, 10 hPa F.S., pipe OD 1/2"

- Measurement range from $1 \cdot 10^{-3}$ hPa to 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
- Minimal zero drift

Dimensions



Technical Data	CMR 363, 10 hPa F.S., pipe OD ½"
Accuracy: % of measurement	0.20 %
Bakeout temperature at the flange	110 °C 230 °F 383 K
Full scale	10 hPa 7.5 Torr 10 mbar
Measurement range C	$1 \cdot 10^{-3} - 1.1 \cdot 10$ hPa
Measurement range max.	$1.1 \cdot 10^1$ hPa 8.25 Torr $1.1 \cdot 10^1$ mbar
Measurement range min.	$1 \cdot 10^{-3}$ hPa $7.5 \cdot 10^{-4}$ Torr $1 \cdot 10^{-3}$ mbar
Membrane and measuring chamber	Ceramics ($\text{Al}_2\text{O}_3 = 99.5 \%$)
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	0.005 % F.S./°C
Volume	≤ 3.6 cm³
Weight	310 g

Order number	
CMR 363	PT R24 620

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

VACUUM SOLUTIONS FROM A SINGLE SOURCE

Pfeiffer Vacuum stands for innovative and custom vacuum solutions worldwide, technological perfection, competent advice and reliable service.

COMPLETE RANGE OF PRODUCTS

From a single component to complex systems:

We are the only supplier of vacuum technology that provides a complete product portfolio.

COMPETENCE IN THEORY AND PRACTICE

Benefit from our know-how and our portfolio of training opportunities!

We support you with your plant layout and provide first-class on-site service worldwide.

Are you looking for a
perfect vacuum solution?
Please contact us:

Pfeiffer Vacuum GmbH
Headquarters · Germany
T +49 6441 802-0
info@pfeiffer-vacuum.de

www.pfeiffer-vacuum.com

All data subject to change without prior notice.

