



**CCR 364, 1 Torr F.S., DN 16 ISO-KF**



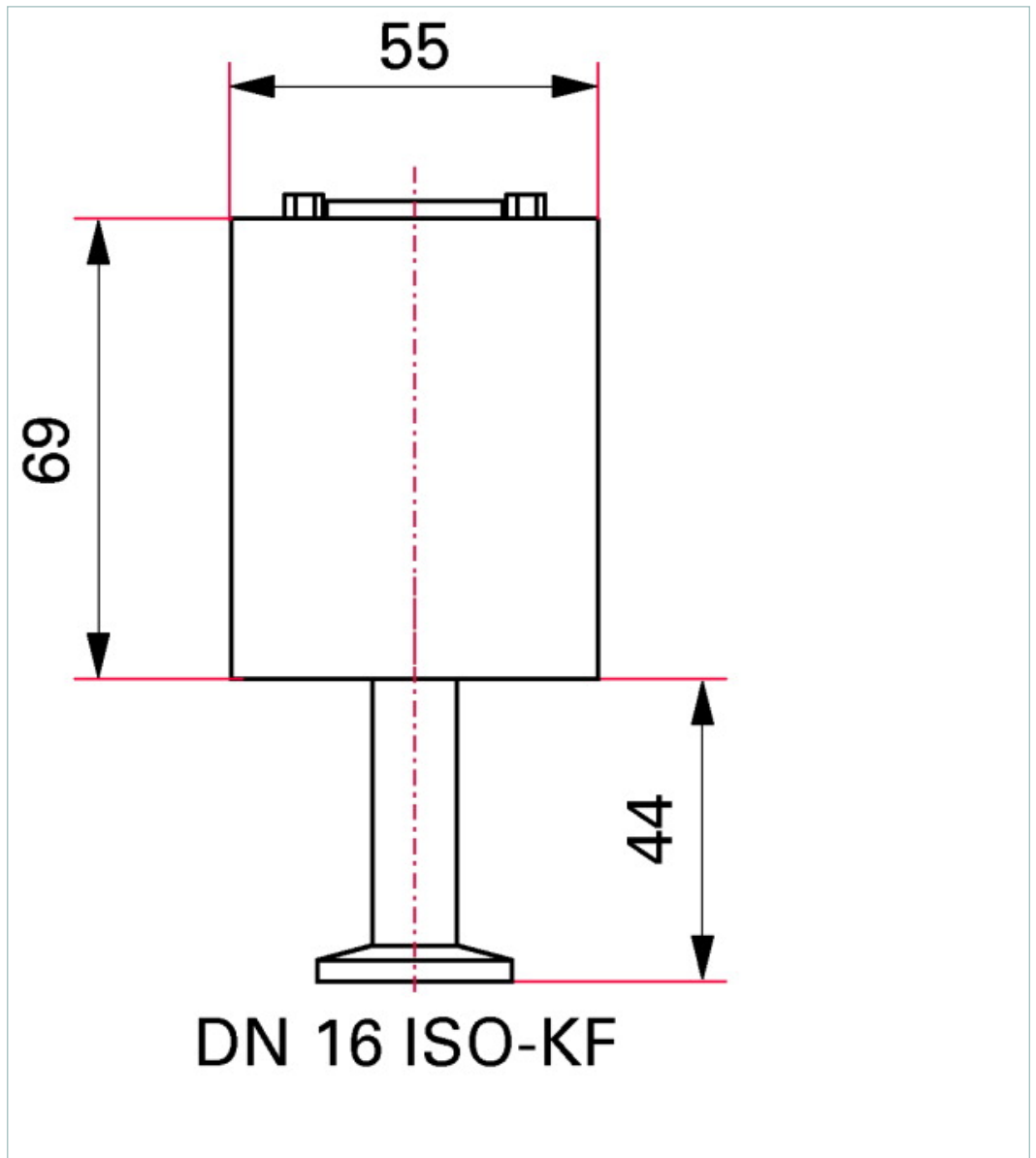


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### CCR 364, 1 Torr F.S., DN 16 ISO-KF

- 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  $1.33 \cdot 10^{-4}$  hPa to 1,33 hPa
- Accuracy: 0.2 % of measurement
- Supply voltage: 14 – 30 V
- Output signal: 0 – 10 V
- Ceramic technology sensor
- No memory effects
- Precise temperature compensation
- Minimal zero drift
- Output signal an connector compatible with MKS Baratron
- Calibration test report included in delivery

#### Dimensions



Technical Data	CCR 364, 1 Torr F.S., DN 16 ISO-KF
Accuracy	0.20 % of reading
Bakeout temperature max. at the flange	110 °C   230 °F   383 K
Full Scale	1 Torr
Measurement range max.	1.33 hPa   1 Torr   1.33 mbar
Measurement range min.	1.33 · 10 <sup>-4</sup> hPa   9.98 · 10 <sup>-5</sup> Torr   1.33 · 10 <sup>-4</sup> mbar
Membrane and measuring chamber	Ceramics (Al <sub>2</sub> O <sub>3</sub> 99.5 %)
Method of measurement	Capacitance
Nominal diameter	DN 16 ISO-KF
Output signal: Minimum load	> 10 kΩ
Output signal: Pressure range	0-10 V
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	100 m (0.14 mm <sup>2</sup> conductor) 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	0.015 % F.S./°C
Volume	≤ 3.6 cm <sup>3</sup>
Weight	≤ 370 g

Order number
CCR 364 PT R27 631

Accessories
<b>Vacuum accessories</b>
Centering ring with metal mesh-fine filter, pore size 4 m, FPM/stainless steel PT 120 132 -T
Centering ring with poral filter, pore size 20 m, FPM/stainless steel PF 117 216 -T