



**CCR 363, 10 Torr F.S., DN 16 CF-R**



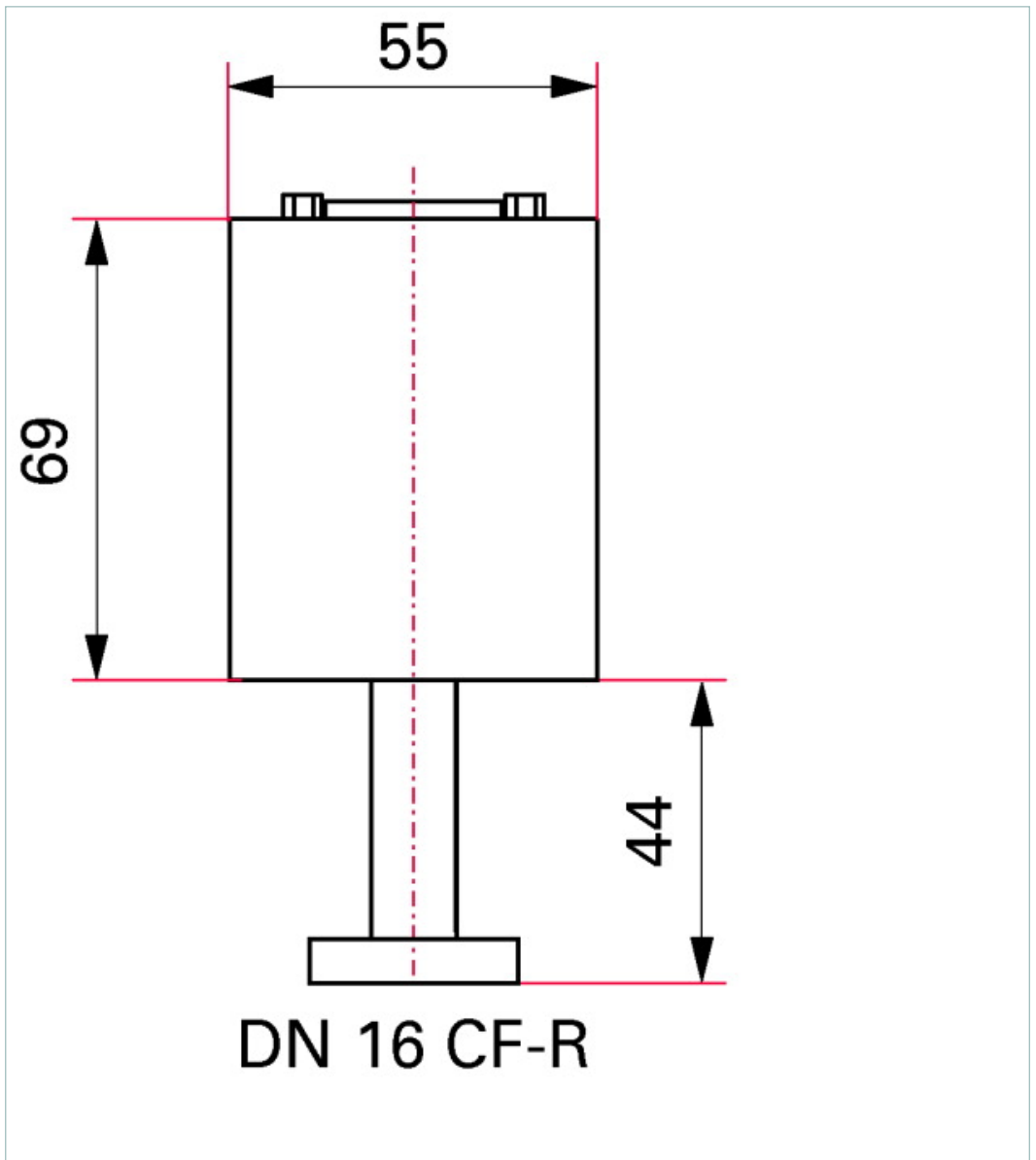


Similar Image

### CCR 363, 10 Torr F.S., DN 16 CF-R

- 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  $1.33 \cdot 10^{-3}$  hPa to 13.3 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 363, 10 Torr F.S., DN 16 CF-R  |
|--|--|
| Accuracy                               | 0.20 % of reading  |
| Bakeout temperature max. at the flange | $\leq 110\text{ }^{\circ}\text{C}$   $\leq 230\text{ }^{\circ}\text{F}$   $\leq 383\text{ K}$                  |
| Full Scale                             | 10 Torr  |
| Measurement range max.                 | 13.3 hPa   9.97 Torr   13.3 mbar   |
| Measurement range min.                 | $1.33 \cdot 10^{-3}\text{ hPa}$   $9.98 \cdot 10^{-4}\text{ Torr}$   $1.33 \cdot 10^{-3}\text{ mbar}$          |
| Membrane and measuring chamber         | Ceramics ( $\text{Al}_2\text{O}_3$ 99.5 %)   |
| Method of measurement                  | Capacitance  |
| Nominal diameter                       | DN 16 CF-R   |
| Output signal: Minimum load            | $> 10\text{ k}\Omega$  |
| 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                    | IP 30  |
| 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.         | $\leq 1\text{ W}$  |
| Supply: Voltage                        | 14-30 V DC   |
| Temperature: Operating                 | $5\text{-}50\text{ }^{\circ}\text{C}$   $41\text{-}122\text{ }^{\circ}\text{F}$   $278\text{-}323\text{ K}$    |
| Temperature: Storage                   | $-40\text{-}65\text{ }^{\circ}\text{C}$   $-40\text{-}149\text{ }^{\circ}\text{F}$   $233\text{-}338\text{ K}$ |
| Temperature effect: on span            | 0.01 % of reading/ $^{\circ}\text{C}$  |
| Temperature effect: on zero            | 0.005 % F.S./ $^{\circ}\text{C}$   |
| Volume                                 | $\leq 3.6\text{ cm}^3$   |
| Order number                           |  |
| CCR 363                                | PT R27 622   |