



**CCR 361, 1000 Torr F.S., 8 VCR**



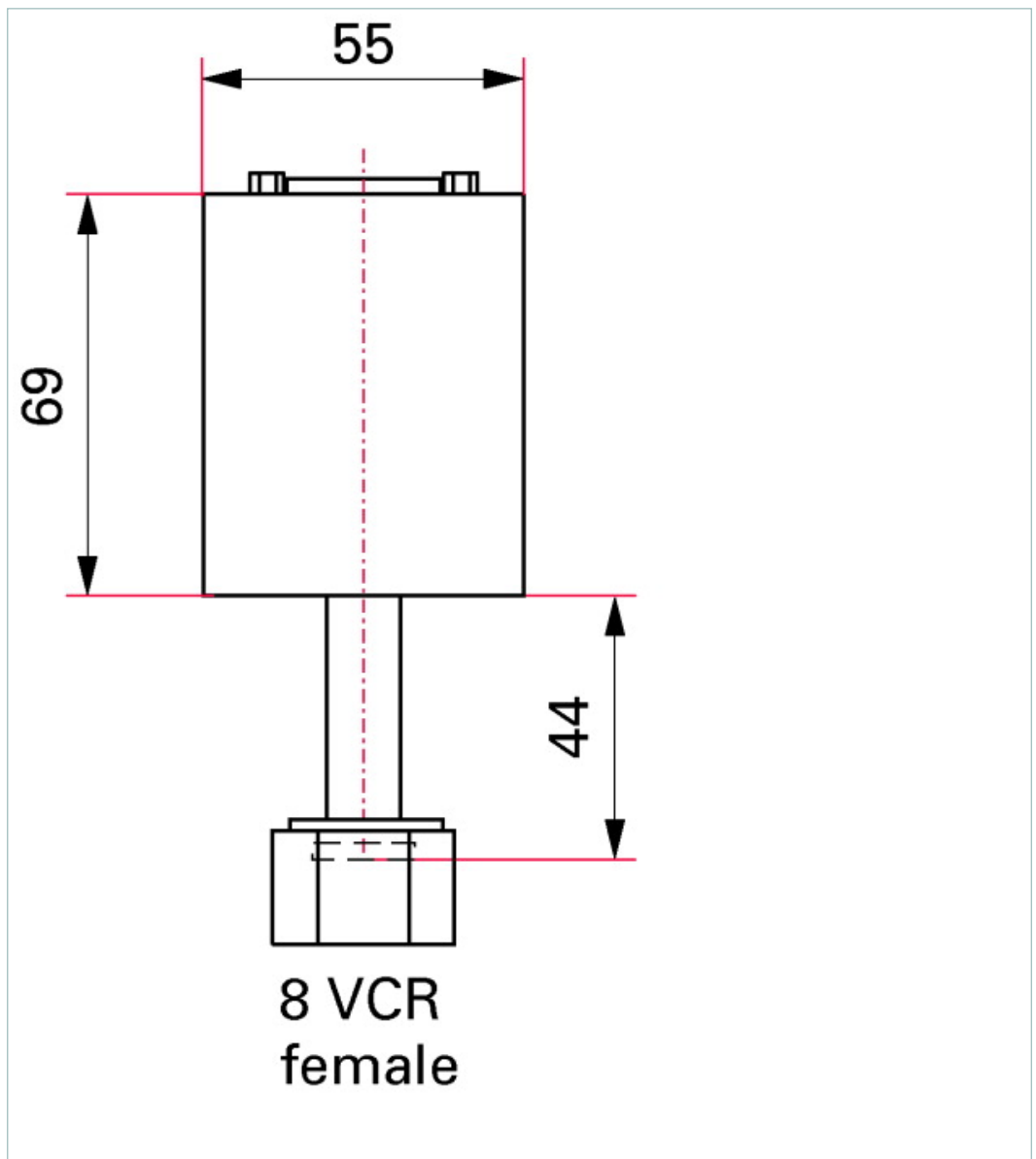


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## CCR 361, 1000 Torr F.S., 8 VCR

- 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  $1.33 \cdot 10^{-1}$  hPa bis 1333 hPa ( $1 \cdot 10^{-1}$  Torr to 1000 Torr)
- 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 361, 1000 Torr F.S., 8 VCR
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	1000 Torr
Measurement range max.	1,333 hPa   999.75 Torr   1,333 mbar
Measurement range min.	$1.33 \cdot 10^{-1}\text{ hPa}$   $9.98 \cdot 10^{-2}\text{ Torr}$   $1.33 \cdot 10^{-1}\text{ mbar}$
Membrane and measuring chamber	Ceramics ( $\text{Al}_2\text{O}_3$ 99.5 %)
Method of measurement	Capacitance
Nominal diameter	Cajon 8 VCR
Output signal: Minimum load	$> 10\text{ k}\Omega$
Output signal: Pressure range	0-10 V
Pipe and flange	Stainless steel
Pressure max.	3,000 hPa   2,250 Torr   3,000 mbar
Protection category	IP30
Resolution	0.003 % F.S.
Sensor cable length	$\leq 100\text{ m}$ (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	$\leq 3.6\text{ cm}^3$
Weight	$\leq 370\text{ g}$
Order number	
CCR 361	PT R27 603