



 PCR 280, 80 °C, DN 16  
ISO-KF



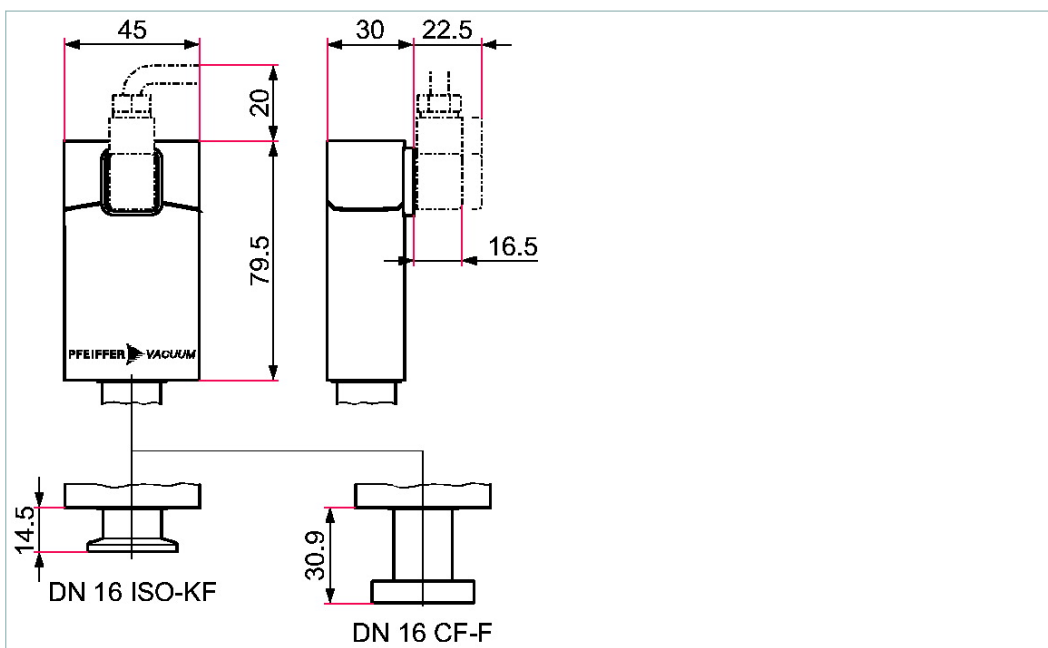


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## PCR 280, 80 °C, DN 16 ISO-KF

- For accurate gas-type independent pressure measurement of venting procedures
- Display range  $5 \cdot 10^{-5}$  to 1500 hPa
- Two sensors in one gauge head (Pirani and capacitance diaphragm)
- Metal-sealed
- Bakeout temperature: 80 °C

### Dimensions



Technical Data	PCR 280, 80 °C, DN 16 ISO-KF
Accuracy	$5 \cdot 10^{-4}$ - $1 \cdot 10^{-3}$ hPa: $\pm 50\%$ ; $1 \cdot 10^{-3}$ - 100 hPa: $\pm 15\%$ ; 100 - 950 hPa: $\pm 5\%$ ; 950 - 1100 hPa: $\pm 2.5\%$
Bakeout temperature	80 °C   176 °F   353 K
Feature	Stainless steel, metal sealed
Feedthrough	Glass
Filament	Tungsten
Flange	Stainless steel
Measurement range max.	1,500 hPa   1,125 Torr   1,500 mbar
Measurement range min.	$5 \cdot 10^{-5}$ hPa   $3.75 \cdot 10^{-5}$ Torr   $5 \cdot 10^{-5}$ mbar
Nominal diameter	DN 16 ISO-KF
Output signal: Minimum load	10 k
Output signal: Pressure range	1.2 - 8.68 V
Pressure max.	5,000 hPa   3,750 Torr   5,000 mbar
Repeatability: $10^{-3}$ - 1100 hPa	$\pm 2\%$
Seal	Metal
Sensor cable length	100 m
Supply: Power consumption max.	2.5 W
Supply: Voltage	15-30 V DC
Temperature: Operating	10-50 °C   50-122 °F   283-323 K
Temperature: Storage	-20-65 °C   -4-149 °F   253-338 K
Volume	4.7 cm <sup>3</sup>
Weight	120 g

Order number	
PCR 280	PT R26 855

Accessories	
<b>Accessory for ActiveLine gauges and controllers</b>	
Mating connector	B 4707 283 MA
Sensor cable, 3 m	PT 448 250 -T
<b>Vacuum accessories</b>	
Centering ring with metal mesh-fine filter	PT 120 132 -T
Centering ring with poral filter	PF 117 216 -T