



**PCR 280, 80 °C, DN 16 ISO-KF**

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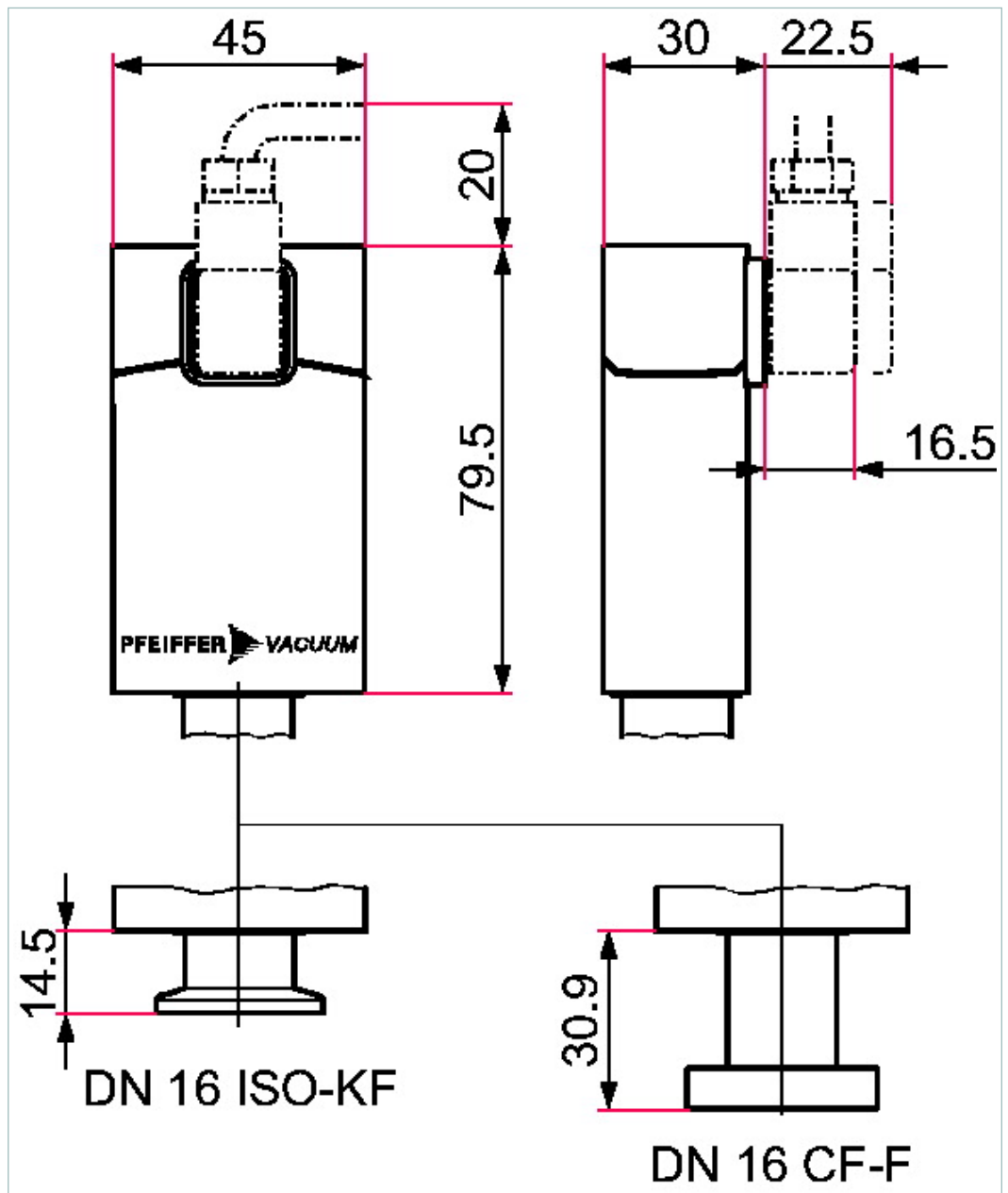


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### PCR 280, 80 °C, DN 16 ISO-KF

- 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:  $\pm 2.5\%$

Technical Data	PCR 280, 80 °C, DN 16 ISO-KF
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 · 10 <sup>-5</sup> hPa   3.75 · 10 <sup>-5</sup> Torr   5 · 10 <sup>-5</sup> mbar
Method of measurement	Pirani/Capacitance
Nominal diameter	DN 16 ISO-KF
Output signal: Minimum load	10 kΩ
Output signal: Pressure range	1.2 - 8.68 V
Pressure max.	5,000 hPa   3,750 Torr   5,000 mbar
Repeatability: 10 <sup>-3</sup> - 1100 hPa	± 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>	
Centering ring with metal mesh-fine filter, pore size 4 m, FPM/stainless steel	PT 120 132 -T
Centering ring with protection filter, pore size 20 m, FPM/stainless steel	PF 117 216 -T
Mating connector	B 4707 283 MA
Sensor cable, 3 m	PT 448 250 -T

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