



Data sheet · ActiveLine

Active Pirani/capacitive transmitter PCR
280, 80 °C, DN 16 ISO-KF

Measurement range: $5 \cdot 10^{-5}$ to 1500 hPa

Active Pirani/capacitive transmitter PCR 280, 80 °C, DN 16 ISO-KF

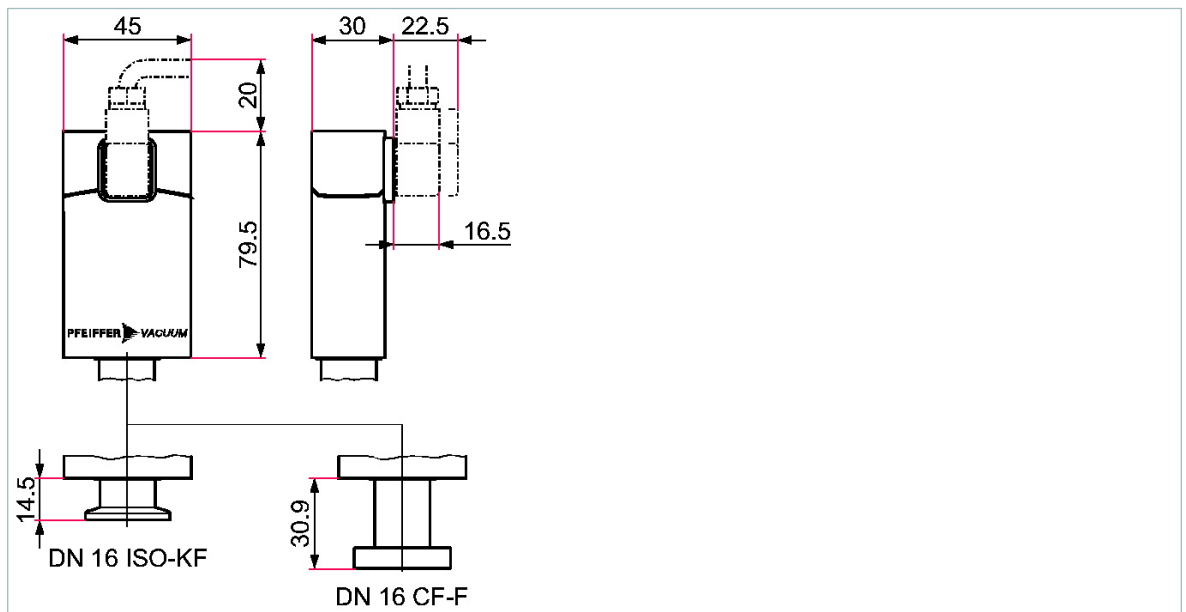
Active
Pirani/capacitive
transmitter PCR
280



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- Measurement range: $5 \cdot 10^{-5}$ to 1500 hPa
- Bakeout temperature: 80 °C
- Output signal: 1,2 - 8,68 V logarithm of pressure
- Voltage supply: 15 - 30 V DC
- Metal-sealed, without plug

Dimensions



Active Pirani/capacitive transmitter PCR 280, 80 °C, DN 16 ISO-KF

Technical Data	Active Pirani/capacitive transmitter 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
Feature	Stainless steel, metal sealed
Feedthrough	Glass
Filament	Tungsten
Flange	Stainless steel
Flange (in)	DN 16 ISO-KF
Measurement range max.	1500 hPa
Measurement range min.	$5 \cdot 10^{-5}$ hPa
Output signal: Minimum load	10 k
Output signal: Pressure range	1.2 - 8,68 V
Pressure max.	5 bar
Repeatability: $10^{-3} - 1100$ mbar	$\pm 2\%$
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
Temperature: Storage	-20+65 °C
Volume	4.7 cm ³
Weight	120 g

Order number	PTR26855
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ActiveLine sensor cables

Sensor cable, 3 m	PT448250-T
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Centering rings with poral filter, pore size 0.02 mm

Centering ring with poral filter, Pore size: 20 m, FPM/stainless steel, DN 16 ISO-KF	PF117216-T
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Pfeiffer Vacuum GmbH
Headquarters · Germany
T +49 6441 802-0
info@pfeiffer-vacuum.de
www.pfeiffer-vacuum.com