



TPR 270, DN 16 ISO-KF

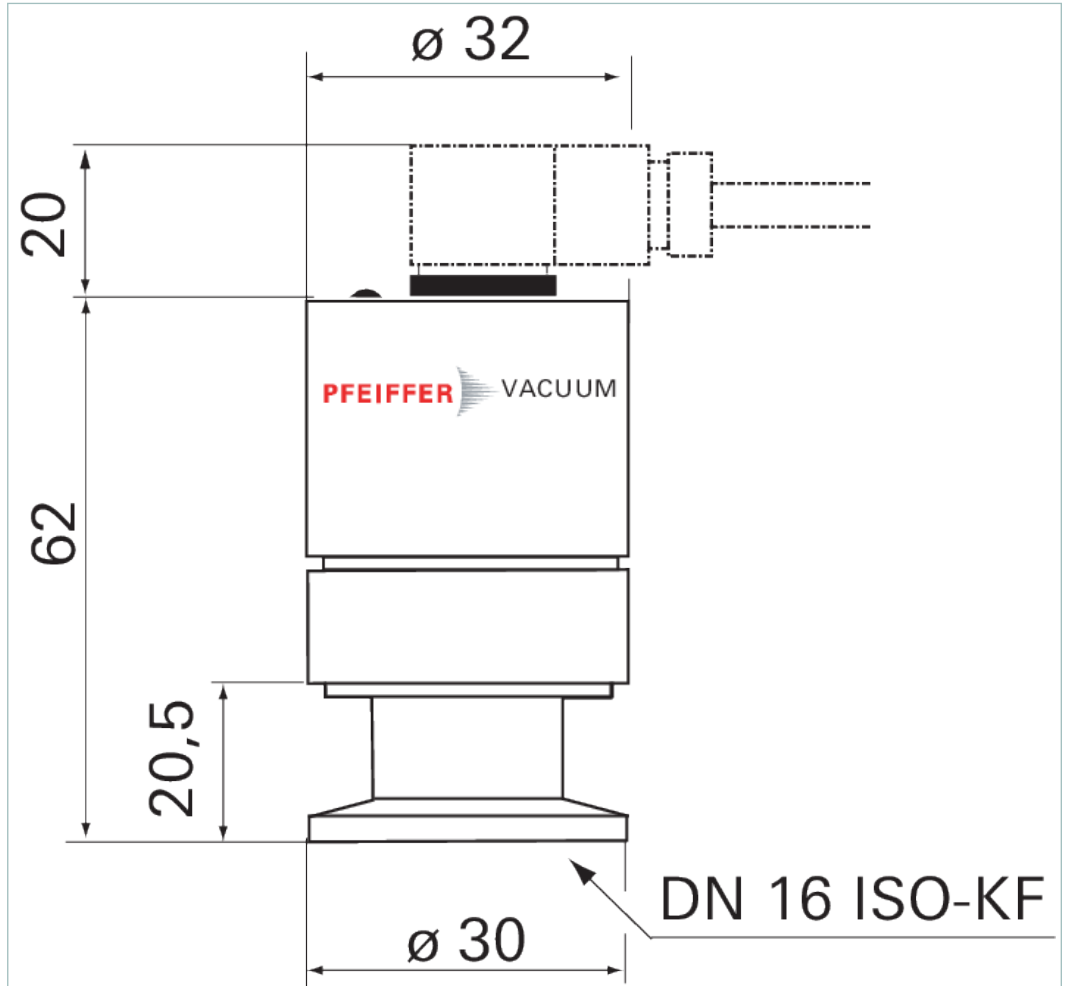


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TPR 270, DN 16 ISO-KF

- Flange size: DN 16 ISO-KF
- For general vacuum applications
- Compact and rugged
- Maximum pressure refers to inert gases

Dimensions



Technical Data	TPR 270, DN 16 ISO-KF
Accuracy: $2 \cdot 10^{-3} - 20$ hPa	$\pm 10\%$
Accuracy: 20 – 1000 hPa	$\pm 30\%$
Bakeout temperature at the flange	80 °C 176 °F 353 K
Feedthrough	Glass
Filament	Tungsten
Materials in contact with media	Tungsten, stainless steel 1.4307, nickel
Measurement range max.	$1 \cdot 10^3$ hPa $7.5 \cdot 10^2$ Torr $1 \cdot 10^3$ mbar
Measurement range min.	$1 \cdot 10^{-4}$ hPa $7.5 \cdot 10^{-5}$ Torr $1 \cdot 10^{-4}$ mbar
Method of measurement	Pulse-Pirani
Nominal diameter	DN 16 ISO-KF
Output signal: Measurement range	1.5 – 8.5 V
Protection category	IP40
Repeatability: $2 \cdot 10^{-3} - 20$ hPa	$\pm 2\%$

Technical Data	TPR 270, DN 16 ISO-KF
Seal	Metal
Supply: Voltage	15-30 V DC
Temperature: Operating	5 – 60 °C
Temperature: Storage	-40 – 70 °C
Weight	105 g

Order number	
TPR 270	PT R26 770

Accessories	
Accessory	
Mating connector	B 4707 283 MA
Measurement cable	
Sensor cable, 10 m	PT 448 252 -T
Sensor cable, 3 m	PT 448 250 -T
Sensor cable, 6 m	PT 448 251 -T
Vacuum accessories	
Centering ring with metal mesh-fine filter, pore size 4 µm, FPM/stainless steel	PT 120 132 -T
Centering ring with protection filter, pore size 20 µm, FPM/stainless steel	PF 117 216 -T

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