



**TPR 270, DN 16 CF-F**



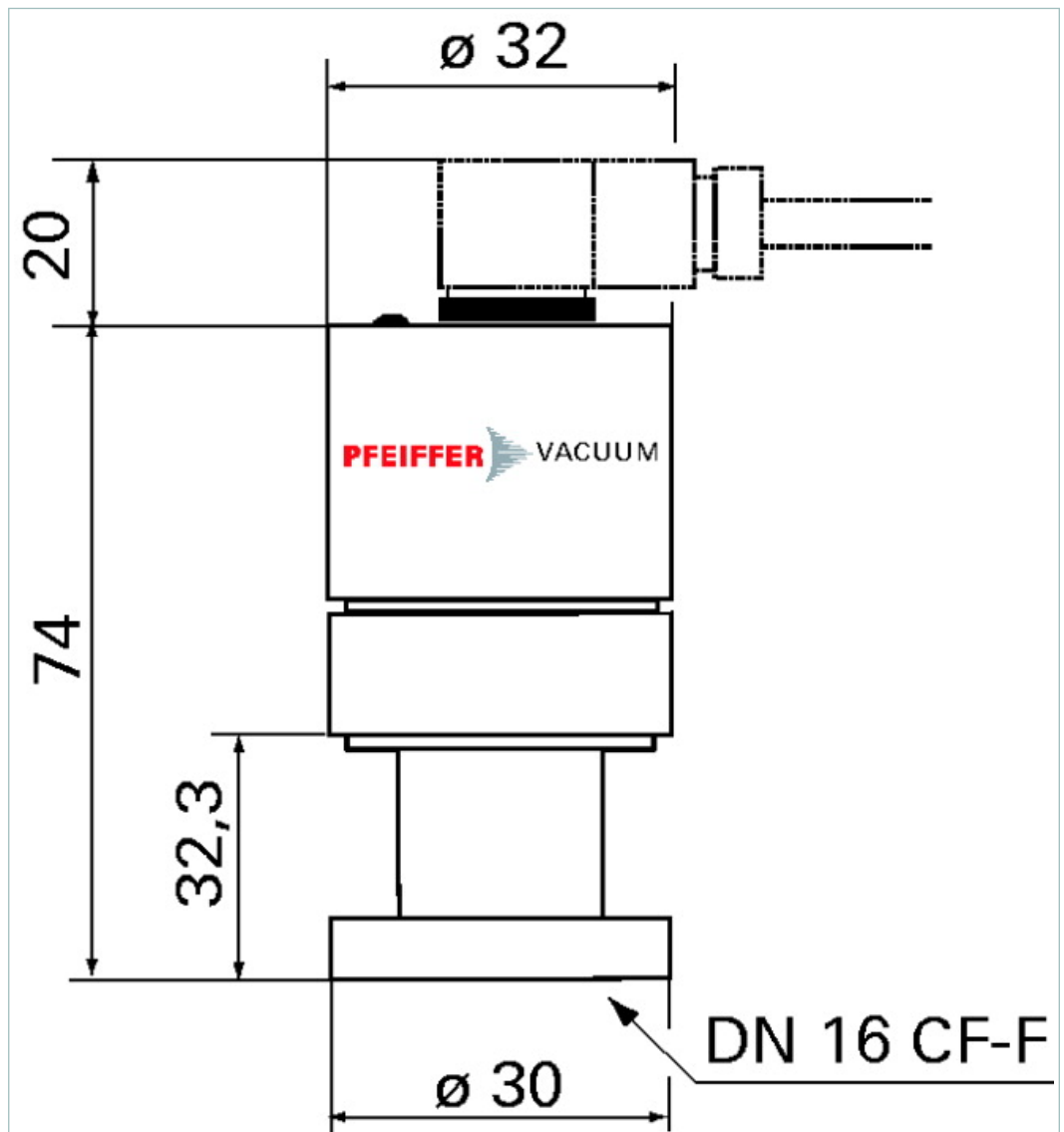


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## TPR 270, DN 16 CF-F

- Particularly thermally stable
- Display range  $1 \cdot 10^{-4}$  to 1000 hPa
- Flange size: DN 16 CF-F
- For general vacuum applications
- Compact and rugged
- Maximum pressure refers to inert gases

### Dimensions



Technical Data	TPR 270, DN 16 CF-F
Accuracy: % of measurement	$< 2 \cdot 10^{-3}$ - 1 hPa: $< \text{factor } 2$ , $2 \cdot 10^{-3}$ - 20 hPa: $\pm 10 \%$ , 20 - 1000 hPa: $\pm 30 \%$
Bakeout temperature	80 °C   176 °F   353 K
Connection for gauge	6-pole female cable connector, screw-fastened
Feedthrough	Glass
Filament	Tungsten

Technical Data	TPR 270, DN 16 CF-F
Materials in contact with media	Tungsten, stainless steel 1.4307, nickel
Measurement range max.	1,000 hPa   750 Torr   1,000 mbar
Measurement range min.	1 · 10 <sup>-4</sup> hPa   7.5 · 10 <sup>-5</sup> Torr   1 · 10 <sup>-4</sup> mbar
Method of measurement	Pirani
Nominal diameter	DN 16 CF-F
Output signal: Pressure range	1.5 - 8.5 V
Pressure max.	4,000 hPa   3,000 Torr   4,000 mbar
Protection category	IP40
Repeatability: % of measurement	2 · 10 <sup>-3</sup> - 20 hPa ± 2 %
Seal	Metal
Sensor cable length	≤ 150 (5 x 0.25 mm <sup>2</sup> ); 200 (5 x 0.34 mm <sup>2</sup> ) m
Supply: Voltage	15-30 V DC
Temperature: Operating	5-60 °C   41-140 °F   278-333 K
Temperature: Storage	-40-70 °C   -40-158 °F   233-343 K
Weight	135 g

Order number	
TPR 270	PT R26 780

Accessories	
<b>Accessory for ActiveLine gauges and controllers</b>	
Mating connector	B 4707 283 MA
Sensor cable, 10 m	PT 448 252 -T
Sensor cable, 3 m	PT 448 250 -T
Sensor cable, 6 m	PT 448 251 -T