



TPR 270, DN 16 ISO-KF



PFEIFFER ➤

TPR 270

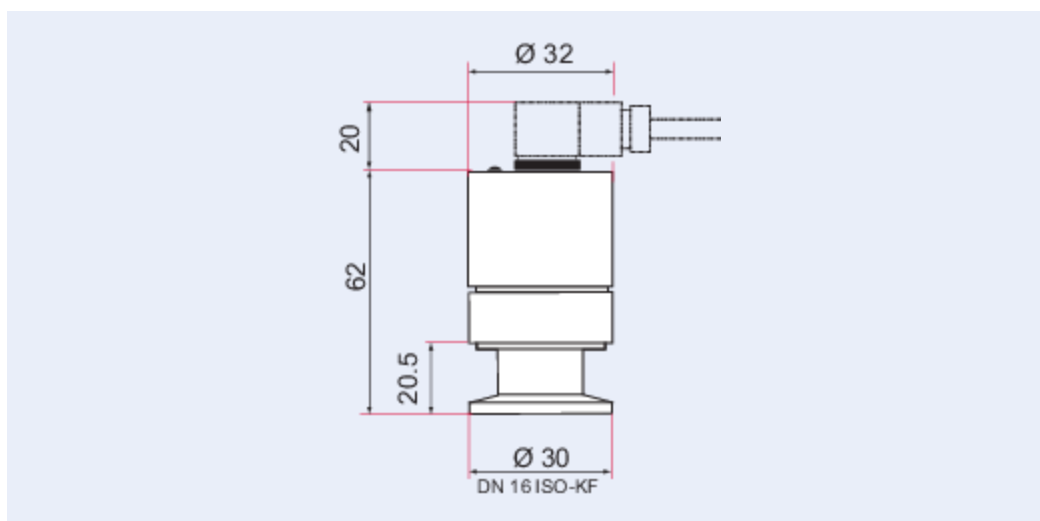


Illustration only

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



TPR 270

Technical Data	TPR 270, DN 16 ISO-KF
Output signal: Measuring range	1.5 – 8.5 V
Feedthrough	Glass
Measuring range	$1 \cdot 10^{-4} - 1 \cdot 10^3$ hPa
Materials in contact with media	Stainless steel 1.4307 (AISI 304L) Tungsten Nickel
Flange, material	Stainless steel
Bakeout temperature at the flange	≤ 80 °C
Supply: Power consumption max.	1 W
Seal	Metal
Anode	130727
Ambient temperature	5 – 60 °C
Precision	$< 1 \cdot 10^{-2}$ hPa: <Factor 2
Special feature	Stainless steel, metal sealed
Mounting orientation	Arbitrary
Temperature: Storage, max	+70 °C
Temperature: Storage, min	-40 °C
Measuring accuracy in range 1	10 % ($2 \cdot 10^{-3}$ hPa – $2 \cdot 10^1$ hPa)
Measuring accuracy in range 2	30 % ($2 \cdot 10^1$ hPa – $1 \cdot 10^3$ hPa)
Measuring method	Pulse-Pirani
Input voltage(s)	15 – 30 V DC
Operating site	Indoor, weatherproof
Bakeout temperature at the flange	≤ 80 °C ≤ 176 °F ≤ 353.15 K
Pressure max.	$4 \cdot 10^3$ hPa $3 \cdot 10^3$ Torr $4 \cdot 10^3$ mbar
Operating altitude, max.	2,000 m
Weight	105 g
Pressure max.	$4 \cdot 10^3$ hPa
Power consumption max.	1 W
Connection flange	DN 16 ISO-KF
Weight	105 g
Filament	Tungsten
Repeatability in range 1	2 % ($2 \cdot 10^{-3}$ hPa – $2 \cdot 10^1$ hPa)

Order number	TPR 270, DN 16 ISO-KF
TPR 270, DN 16 ISO-KF	PT R26 770 C



Errors and/or changes excepted. - 9/30/2025

Are you looking for an optimum vacuum solution?

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