



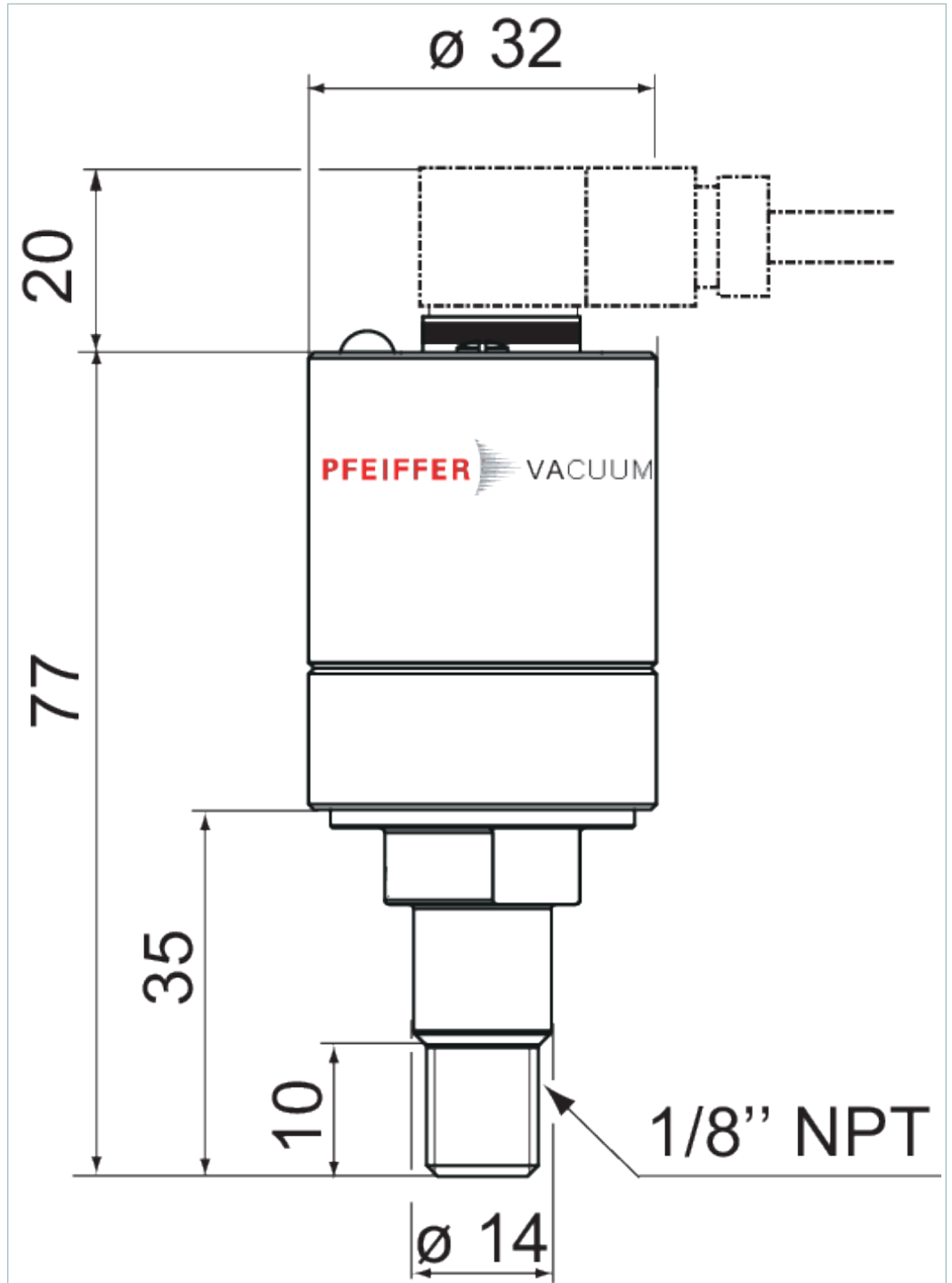
TPR 270 1/8" NPT



Similar Image

TPR 270 1/8" NPT

Dimensions



Technical Data

TPR 270 1/8" NPT

Accuracy	$\pm 2 \cdot 10^{-3}$ hPa: $\pm$ factor 2
Accuracy: $2 \cdot 10^{-3} - 20$ hPa	$\pm 10 \%$
Accuracy: $20 - 1000$ hPa	$\pm 30 \%$

Technical Data	TPR 270 1/8" NPT
Bakeout temperature at the flange	80 °C 176 °F 353 K
Feature	Stainless steel, metal sealed
Feedthrough	Glass
Filament	Tungsten
Flange, Material	Stainless steel
Materials in contact with media	Tungsten, stainless steel 1.4307, nickel
Measurement range C	$1 \cdot 10^{-4} - 1E3$ hPa
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	1/8" NPT
Output signal: Measurement range	1.5 – 8.5 V
Pressure max.	4,000 hPa 3,000 Torr 4,000 mbar
Protection category	IP40
Repeatability: $2 \cdot 10^{-3} - 20$ hPa	± 2 %
Seal	Metal
Sensor cable length	200 m
Sensor cable length max.	200 m
Supply: Power consumption max.	1 W
Supply: Voltage V DC	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	95 g

Order number	
TPR 270	PT R26 781

Accessories	
Adapters (electrical) Adapter Measurement	
Mating connector	B 4707 283 MA
Cables Measurement cables	
Sensor cable, 3 m	PT 448 250 -T
Sensor cable, 6 m	PT 448 251 -T
Sensor cable, 10 m	PT 448 252 -T

VACUUM SOLUTIONS FROM A SINGLE SOURCE

Pfeiffer Vacuum stands for innovative and custom vacuum solutions worldwide, technological perfection, competent advice and reliable service.

COMPLETE RANGE OF PRODUCTS

From a single component to complex systems:

We are the only supplier of vacuum technology that provides a complete product portfolio.

COMPETENCE IN THEORY AND PRACTICE

Benefit from our know-how and our portfolio of training opportunities!

We support you with your plant layout and provide first-class on-site service worldwide.

Are you looking for a
perfect vacuum solution?
Please contact us:

Pfeiffer Vacuum GmbH
Headquarters · Germany
T +49 6441 802-0
info@pfeiffer-vacuum.de

www.pfeiffer-vacuum.com

All data subject to change without prior notice.