

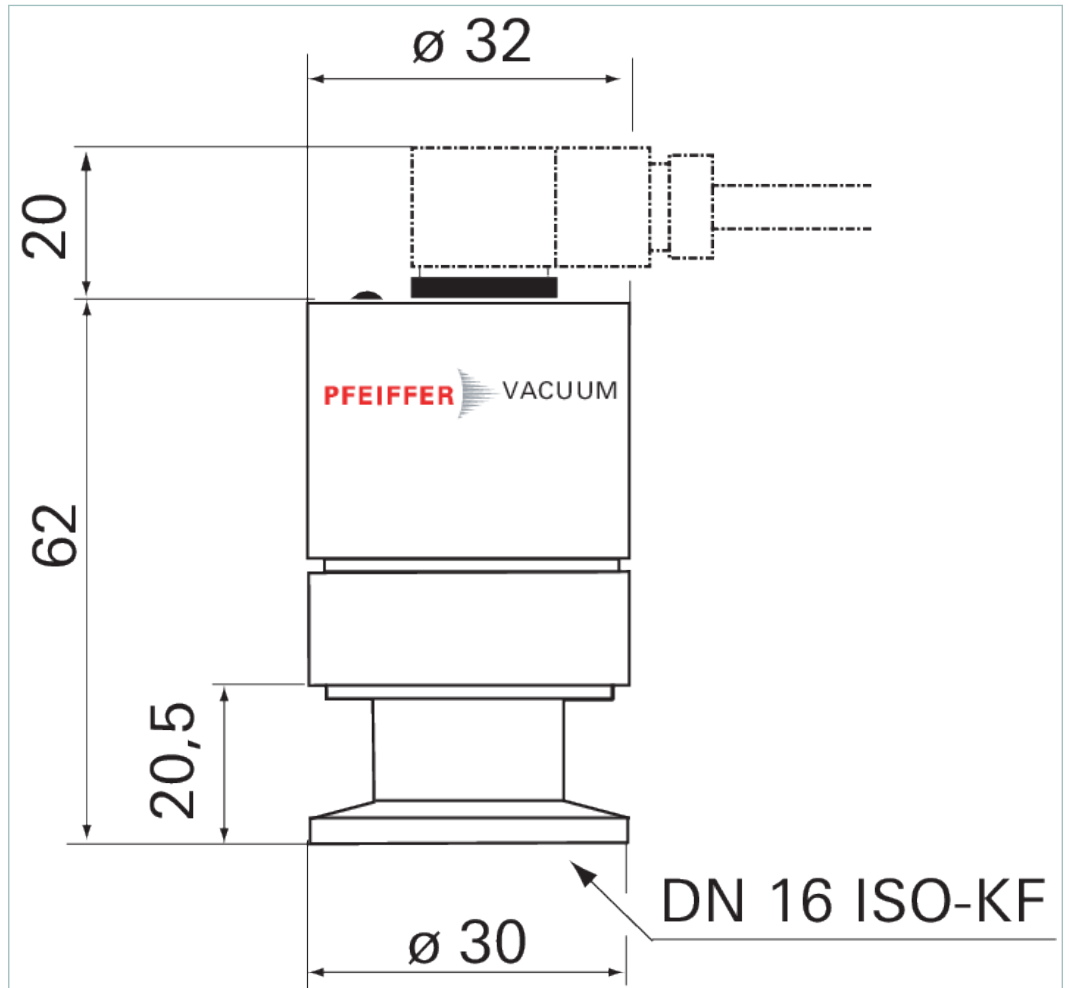


Similar Image

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 max. 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 |

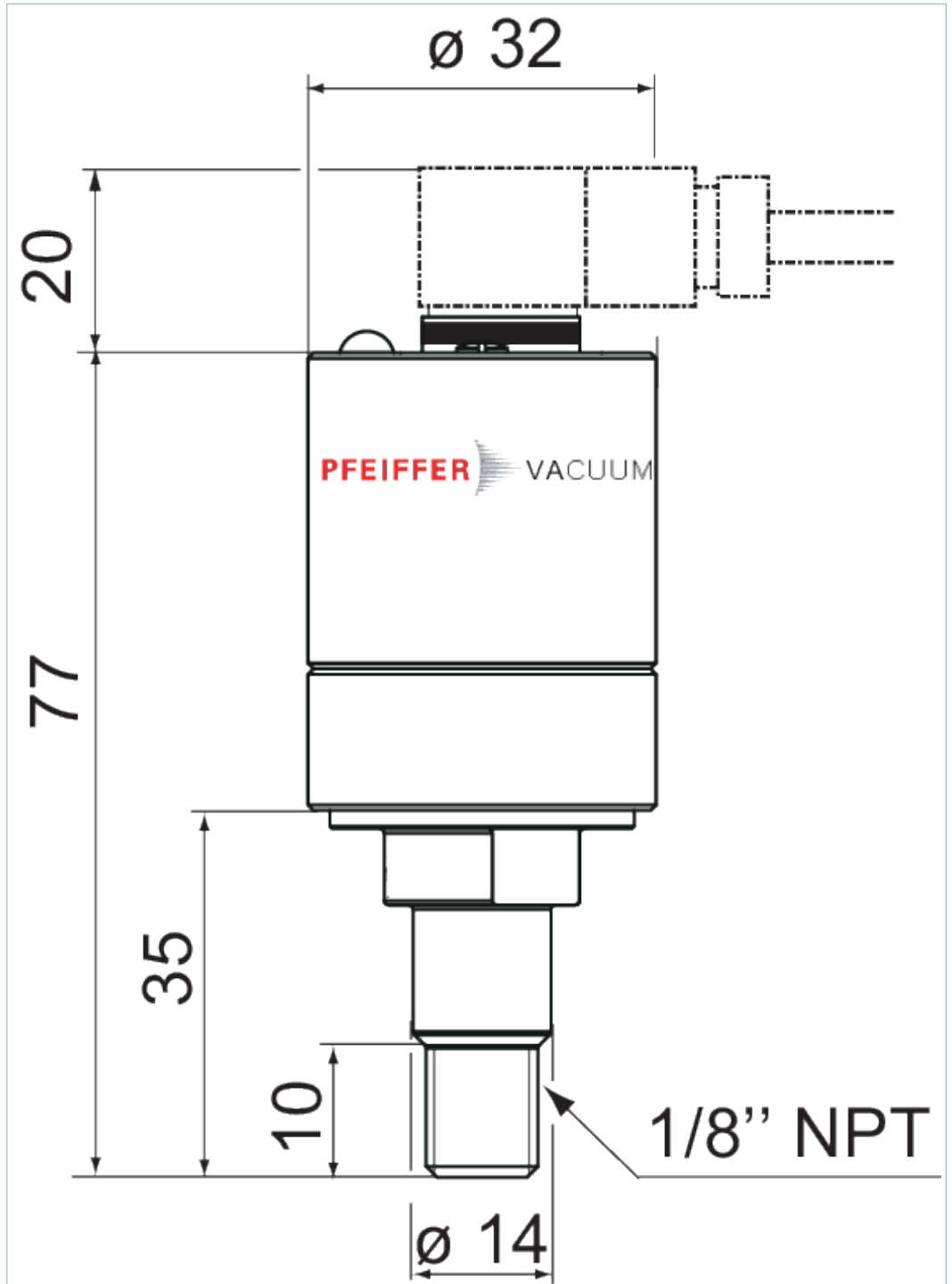
| Accessories | |
|---|---------------|
| Accessory | |
| Mating connector | B 4707 283 MA |
| Measurement cable | |
| Sensor cable, 10 m | PT 448 252 -T |
| Sensor cable, 3 m | PT 448 250 -T |
| Sensor cable, 6 m | PT 448 251 -T |
| Vacuum accessories | |
| Centering ring with metal mesh-fine filter,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



Similar Image

TPR 270 1/8" NPT

Dimensions



Technical Data

TPR 270 1/8" NPT

Accuracy: $2 \cdot 10^{-3} - 10$ hPa

$\pm 10 \%$

Accuracy: $2 \cdot 10^{-3} - 20$ hPa

$\pm 10 \%$

Accuracy: 20 – 1000 hPa

$\pm 30 \%$

| Technical Data | TPR 270 1/8" NPT |
|--|--|
| Bakeout temperature max. at the flange | 80 °C 176 °F 353 K |
| Connection for gauge | 6-pole female cable connector, screw-fastened |
| Feedthrough | Glass |
| Filament | Tungsten |
| Materials in contact with media | Tungsten, stainless steel 1.4307, nickel |
| Measurement range max. | 1 · 10 ³ hPa 7.5 · 10 ² Torr 1 · 10 ³ mbar |
| Measurement range min. | 1 · 10 ⁻⁴ hPa 7.5 · 10 ⁻⁵ Torr 1 · 10 ⁻⁴ mbar |
| Method of measurement | Pulse-Pirani |
| Nominal diameter | 1/8" NPT |
| Output signal: Measurement range | 1.5-8.5 V |
| Protection category | IP40 |
| Repeatability: 2 · 10 ⁻³ – 20 hPa | ± 2 % |
| Seal | Metal |
| Supply: Voltage | 15-30 V DC |
| Temperature: Operating | 5 – 60 °C |
| Temperature: Storage | -40 – 70 °C |
| Weight | 95 g |

| Order number | |
|--------------|------------|
| TPR 270 | PT R26 781 |

| 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 |

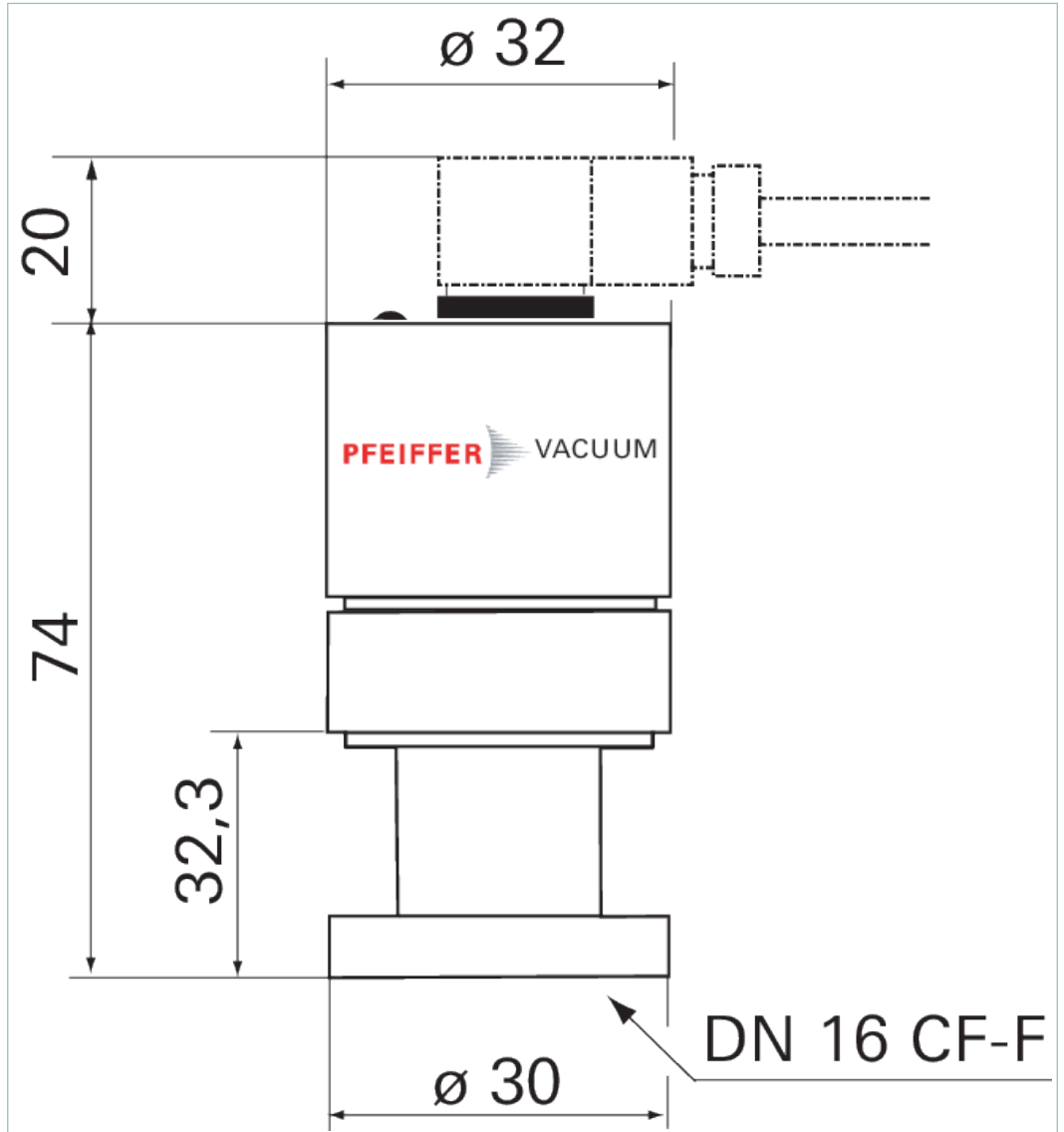


Similar Image

TPR 270, DN 16 CF-F

- 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: $2 \cdot 10^{-3} - 20$ hPa | $\pm 10\%$ |
| Accuracy: 20 – 1000 hPa | $\pm 30\%$ |
| Bakeout temperature max. 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 |

| Technical Data | | TPR 270, DN 16 CF-F |
|---|--|---------------------|
| Method of measurement | | Pulse-Pirani |
| Nominal diameter | | DN 16 CF-F |
| Output signal: Measurement range | | 1.5 - 8.5 V |
| Protection category | | IP40 |
| Repeatability: $2 \cdot 10^{-3} - 20$ hPa | | ± 2 % |
| Seal | | Metal |
| Supply: Voltage | | 15-30 V DC |
| Temperature: Operating | | 5 – 60 °C |
| Temperature: Storage | | -40 – 70 °C |
| Weight | | 135 g |

| Order number | |
|--------------|------------|
| TPR 270 | PT R26 780 |

| 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 |