



PFEIFFER 

PBR 360

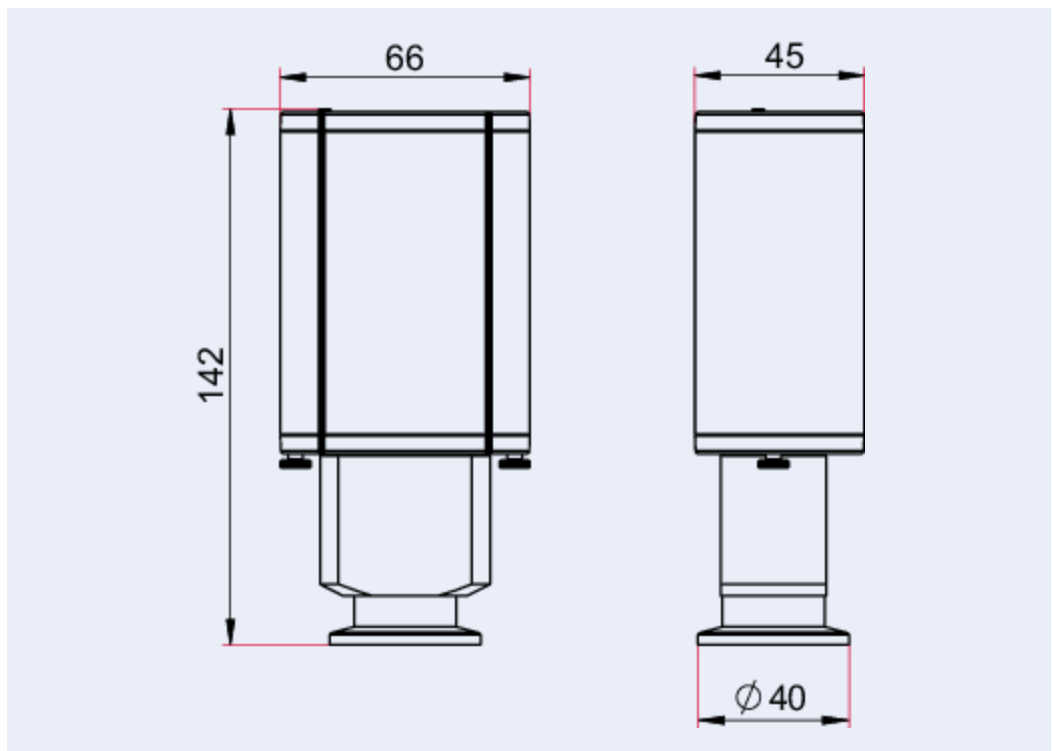


Illustration only

PBR 360, Pirani/Bayard-Alpert, DN 25 ISO-KF

- Combined Pirani and Bayard-Alpert sensor
- High security by two filaments
- High measurement accuracy
- Bayard-Alpert sensor ON/OFF automatically controlled by Pirani sensor

Dimensions



PBR 360

Technical Data	PBR 360, Pirani/Bayard-Alpert, DN 25 ISO-KF
Output signal: Measuring range	0.774 – 10 V
Measuring range	$5 \cdot 10^{-10}$ – $1 \cdot 10^3$ hPa
Materials in contact with media	Stainless steel 1.4307 (AISI 304L) Tungsten Nickel Glass
Anode	130727
Ambient temperature	5 – 60 °C
Temperature: Storage, max	65 °C
Temperature: Storage, min	-40 °C
Measuring accuracy in range 1	10 % ($1 \cdot 10^{-8}$ hPa – $1 \cdot 10^1$ hPa)
Measuring accuracy in range 2	30 % ($1 \cdot 10^1$ hPa – $1 \cdot 10^3$ hPa)
Measuring method	Pirani Bayard-Alpert
Input voltage(s)	20 – 30 V DC
Volume	17 cm ³
Output signal: Minimum load	10 kΩ
Pressure max.	$4 \cdot 10^3$ hPa $3 \cdot 10^3$ Torr $4 \cdot 10^3$ mbar
Weight	0.47 kg 1.04 lb
Bakeout temperature: at the flange (voltage supply switched off)	180 °C
Pressure max.	$4 \cdot 10^3$ hPa
Power consumption max.	9 W
Output signal: Minimum load	10 kΩ
Number of filaments	2
Connection flange	DN 25 ISO-KF
Weight	0.12 kg
Filament	Pirani: Tungsten <i>hot cathode</i> : Iridium coated with Y ₂ O ₃
Repeatability in range 1	5 % ($1 \cdot 10^{-8}$ hPa – $1 \cdot 10^{-2}$ hPa)
Repeatability in range 2	2 % ($1 \cdot 10^{-2}$ hPa – 10 hPa)

Order number	PBR 360, Pirani/Bayard-Alpert, DN 25 ISO-KF
PBR 360, Pirani/Bayard-Alpert, DN 25 ISO-KF	PT R27 010

Accessories	PBR 360, Pirani/Bayard-Alpert, DN 25 ISO-KF
Sensor for HPT 200 and PBR 360 DN 25 ISO-KF	PT 120 239 -T



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

Are you looking for an optimum vacuum solution?

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