



**HPT 200 PB, DN 40 ISO-  
KF, RS-485, Profibus**

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# HPT 200 PB

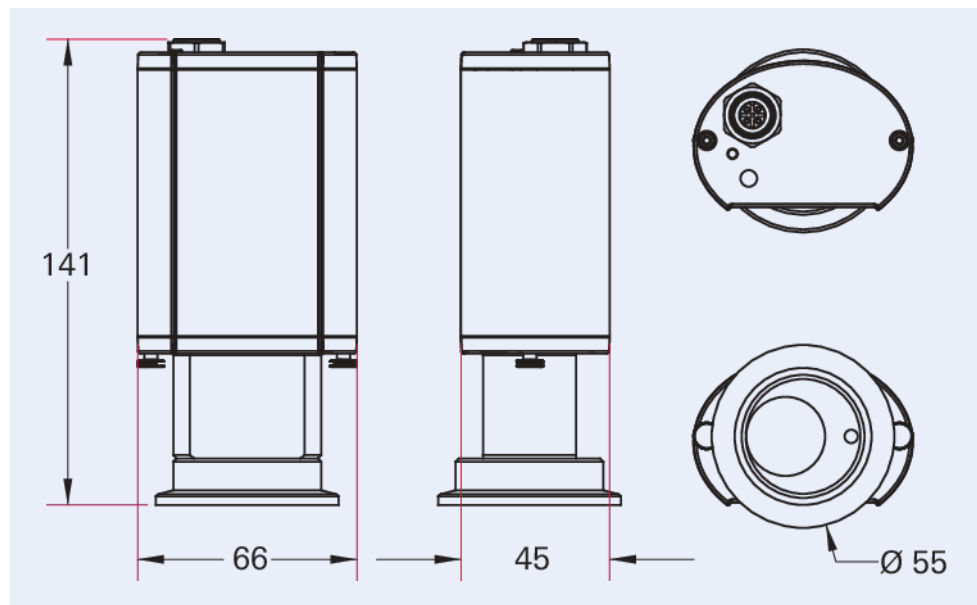


Illustration only

## HPT 200 PB, DN 40 ISO-KF, RS-485, Profibus

- $5 \cdot 10^{-10}$  – 1000 hPa
- Combination of two sensors
- Profibus DP Interface

## Dimensions



<b>Technical Data</b>	<b>HPT 200 PB, DN 40 ISO-KF, RS-485, Profibus</b>
Measuring range	$5 \cdot 10^{-10} - 1 \cdot 10^3$ hPa
Materials in contact with media	Ceramic   Stainless steel   Tungsten   Nickel   Glass
Seal	Metal
I/O interfaces	RS-485, Profibus DP
Anode	130727
Ambient temperature	5 – 60 °C
Accuracy of measurement in range 1	10 % ( $1 \cdot 10^{-8}$ hPa – $1 \cdot 10^1$ hPa)
Accuracy of measurement in range 2	30 % ( $1 \cdot 10^1$ hPa – $1 \cdot 10^3$ hPa)
Measuring method	Pirani   Bayard-Alpert
Input voltage(s)	24 V DC
Bakeout temperature at the flange	$\leq 180$ °C   $\leq 356$ °F   $\leq 453.15$ K
Pressure max.	$4 \cdot 10^3$ hPa   $3 \cdot 10^3$ Torr   $4 \cdot 10^3$ mbar
Weight approx.	475 g
Measuring cycle	10 ms
Power consumption max.	10.5 W
Number of filaments	2
Connection flange	DN 40 ISO-KF
Filament	Iridium coated with $Y_2O_3$
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)

<b>Order number</b>	<b>HPT 200 PB, DN 40 ISO-KF, RS-485, Profibus</b>
HPT 200 PB, DN 40 ISO-KF, RS-485, Profibus	PT R39 152

<b>Accessories</b>	<b>HPT 200 PB, DN 40 ISO-KF, RS-485, Profibus</b>
Sensor for HPT 200 and PBR 360 DN 40 ISO-KF	PT 120 237 -T



Errors and/or changes excepted. - 5/14/2025

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