

MPT 200 AR

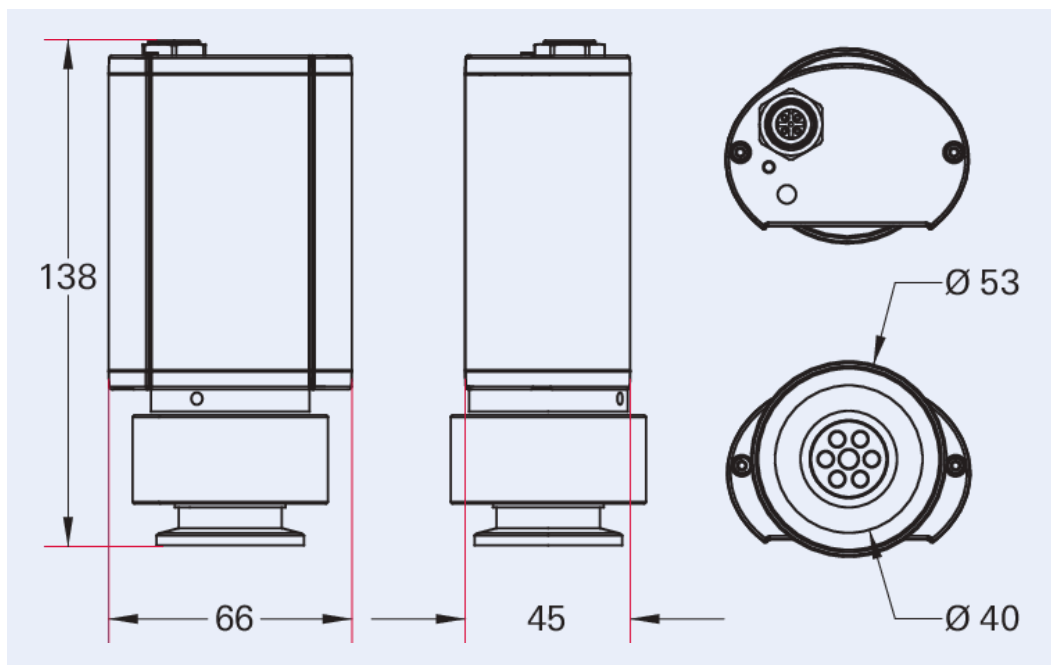


Illustration only

MPT 200 AR, DN 25 ISO-KF, RS-485, analog, display

- Customizable to vacuum application
- Analog output, set points and display

Dimensions



MPT 200 AR

Technical Data	MPT 200 AR, DN 25 ISO-KF, RS-485, analog, display
Measuring range	$5 \cdot 10^{-9} - 1 \cdot 10^3$ hPa
Materials in contact with media	Stainless steel Tungsten Nickel Molybdenum Glass
Bakeout temperature at the flange	≤ 160 °C
Seal	Metal
I/O interfaces	RS-485, analog 0 – 10 V, display
Anode	Mo
User interface	Display
Ambient temperature	5 – 60 °C
Special feature	Cold Cathode sensor can be switched on and off via interface
Display	LCD, backlit
Temperature: Storage, max	65 °C
Temperature: Storage, min	-40 °C
Measuring accuracy in range 1	25 % ($1 \cdot 10^{-8}$ hPa – $2 \cdot 10^{-3}$ hPa)
Measuring accuracy in range 2	10 % ($2 \cdot 10^{-3}$ hPa – $1 \cdot 10^1$ hPa)
Measuring accuracy in range 3	30 % ($1 \cdot 10^1$ hPa – $1 \cdot 10^3$ hPa)
Measuring method	Pirani Cold cathode
Input voltage(s)	20 – 30 V DC
Bakeout temperature at the flange	≤ 160 °C ≤ 320 °F ≤ 433.15 K
Pressure max.	$1 \cdot 10^4$ hPa $7.5 \cdot 10^3$ Torr $1 \cdot 10^4$ mbar
Weight	555 g
Pressure max.	$1 \cdot 10^4$ hPa
Measuring cycle	10 ms
Power consumption max.	3.9 W
Relay: Switching voltage	30 V DC / 49 V AC
Connection flange	DN 25 ISO-KF
Weight	555 g
Relay: Number	2 pcs.
Repeatability in range 1	7 % ($1 \cdot 10^{-8}$ hPa – $1 \cdot 10^{-2}$ hPa)
Repeatability in range 2	2 % ($1 \cdot 10^{-2}$ hPa – 10 hPa)

Order number	MPT 200 AR, DN 25 ISO-KF, RS-485, analog, display
MPT 200 AR, DN 25 ISO-KF, RS-485, analog, display	PT R45 141

MPT 200 AR

Accessories	MPT 200 AR, DN 25 ISO-KF, RS-485, analog, display
Sensor for MPT 200 DN 25 ISO-KF	PT 120 210 -T



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

Are you looking for an optimum vacuum solution?

**Talk to us:
Pfeiffer Vacuum GmbH
Germany
T +49 6441 802-0**

Or scan the barcode, to visit our web page:



<https://webportal.pfeiffer-vacuum.com/global/en/contact>

**Follow Us On Social Media
#pfeiffervacuum**



PFEIFFER 

www.pfeiffer-vacuum.com