



Active hot cathode transmitter IMR 265, DN 25 ISO-KF

Flange size: DN 25 ISO-KF



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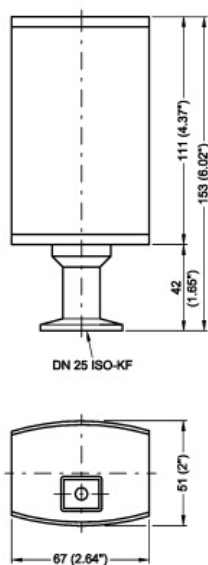
Active hot cathode transmitter IMR 265

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- ▶ Flange size: DN 25 ISO-KF
- ▶ Measurement range from $2 \cdot 10^{-6}$ to 1000 mbar
- ▶ Two gauge heads (Pirani and hot cathode) in a single case
- ▶ Highly accurate
- ▶ Excellent reproducibility
- ▶ Automatic cathode protection
- ▶ A single flange from atmosphere to UHV
- ▶ Corrosion-resistant

Dimensions



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Technical Data	Active hot cathode transmitter IMR 265, DN 25 ISO-KF
Bakeout temperature	150 °C
Electron collector	Stainless steel
Filament	Iridium yttriated
Filament holder	Molybdenum, Platinum
Flange	Stainless steel
Flange (in)	DN 25 ISO-KF
Ion collector	Stainless steel
Isolator	Glass
Measurement range max.	1000 mbar
Measurement range min.	$2 \cdot 10^{-6}$ mbar
Output signal: Minimum load	10 k
Output signal: Pressure range Ioni	1.5-7.5 V
Output signal: Pressure range Pirani	8.5-9.75 V
Output signal: Sensor error	0.5 V
Pirani measurement element	Copper, Tungsten
Pressure max.	5 bar
Repeatability: 10^{-1} - 10^2 mbar	30 % reading
Repeatability: 10^{-5} - 10^{-1} mbar	2 % reading
Sensor cable length	100 m
Supply: Power consumption max.	16 W
Supply: Voltage	20-30 V DC
Temperature: Operating	0-50 °C
Temperature: Storage	-20 - +70 °C
Volume	20 cm ³
Weight	285 g

Order number	PTR26500
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Accessories	Active hot cathode transmitter IMR 265, DN 25 ISO-KF
Mating connector	B4707283MA
Sensor cable, 3 m	PT448250-T