



IKR 251, FPM sealed, DN 25 ISO-KF

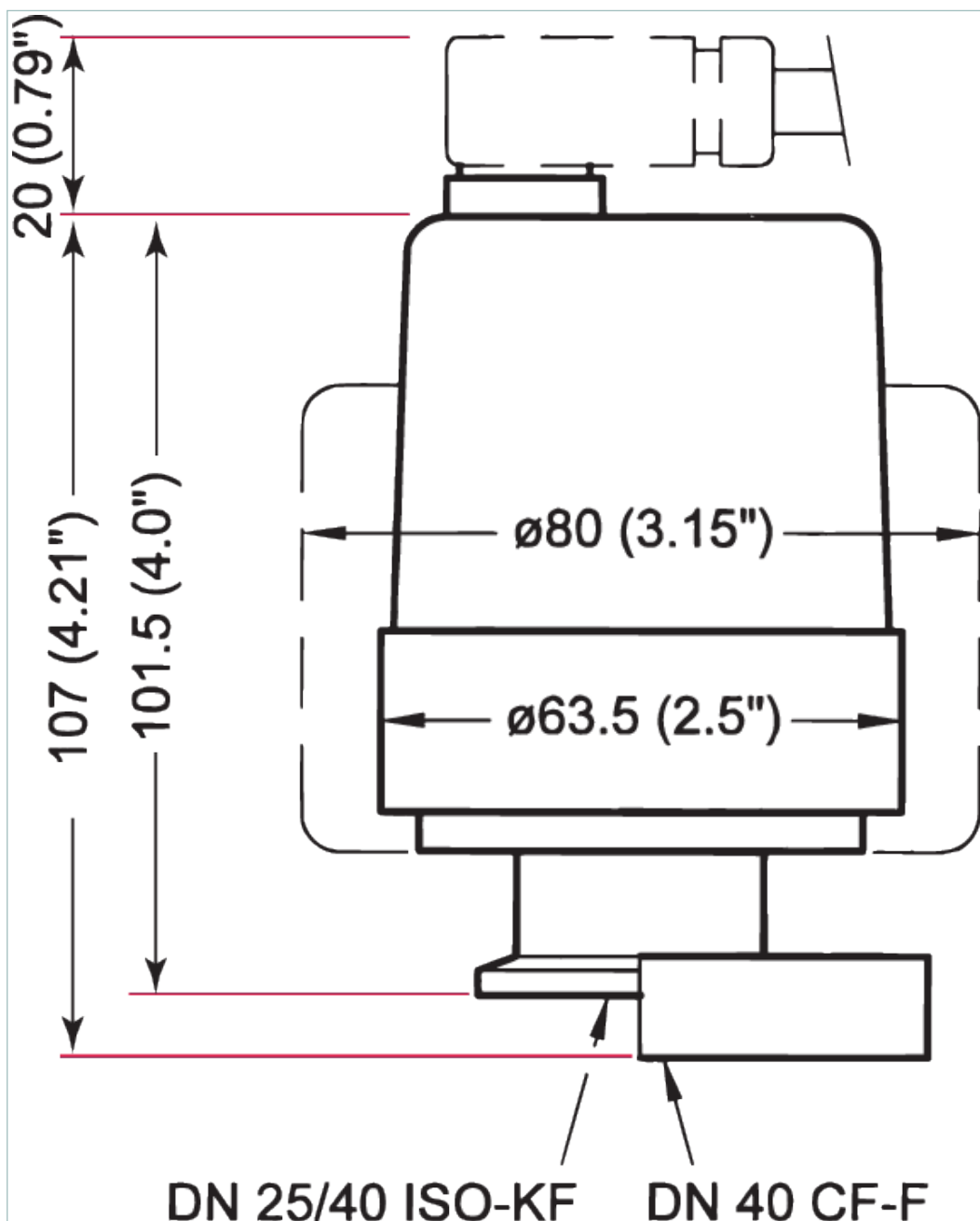


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- Flange size: DN 25 ISO-KF
- The ultimate pressure and temperature range for inert gases is < 55 °C
- Cold cathode (inverted magnetron)
- Rugged and dependable
- Insensitive to air ingress
- Corrosion-resistant

Dimensions



Technical Data

Accuracy: $1 \cdot 10^{-8} - 1 \cdot 10^{-3}$ hPa

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± 30 %

Technical Data	IKR 251, FPM sealed, DN 25 ISO-KF
Ambient temperature	5-55 °C 41-131 °F 278-328 K
Anode	Molybdenum
Bakeout temperature	Electronic removed, ≤ 150 °C
Feature	Interior FPM sealed
Feedthrough	Al ₂ O ₃
Flange, Material	Stainless steel
Measurement range	2 · 10 ⁻⁹ – 1 · 10 ⁻² hPa
Nominal diameter	DN 25 ISO-KF
Output signal: Measurement range	1.8 – 8.5 V
Output signal: Minimum load	10 kΩ
Pressure max.	10,000 hPa 7,500 Torr 10,000 mbar
Repeatability: 1 · 10 ⁻⁸ – 1 · 10 ⁻³ hPa	± 5 %
Seal	FKM
Sensor cable length min.	500 m
Supply: Power consumption max.	2 W
Supply: Voltage V DC	15 – 30 V DC
Temperature: Storage	-40-65 °C -40-149 °F 233-338 K
Volume	20 cm ³
Weight	700 g

Order number
IKR 251 PT R25 500

Accessories	
Adapters (electrical) Adapter Measurement	
Mating connector	B4707283MA
Cables Measurement cables	
Measurement cable, 3 m	PT 448 250 -T
Protection Magnetic shield	
Magnetic shield for IKR and PKR 2xx	PT 443 155 -X

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