



IKR 270, metal sealed, DN 40 CF-F

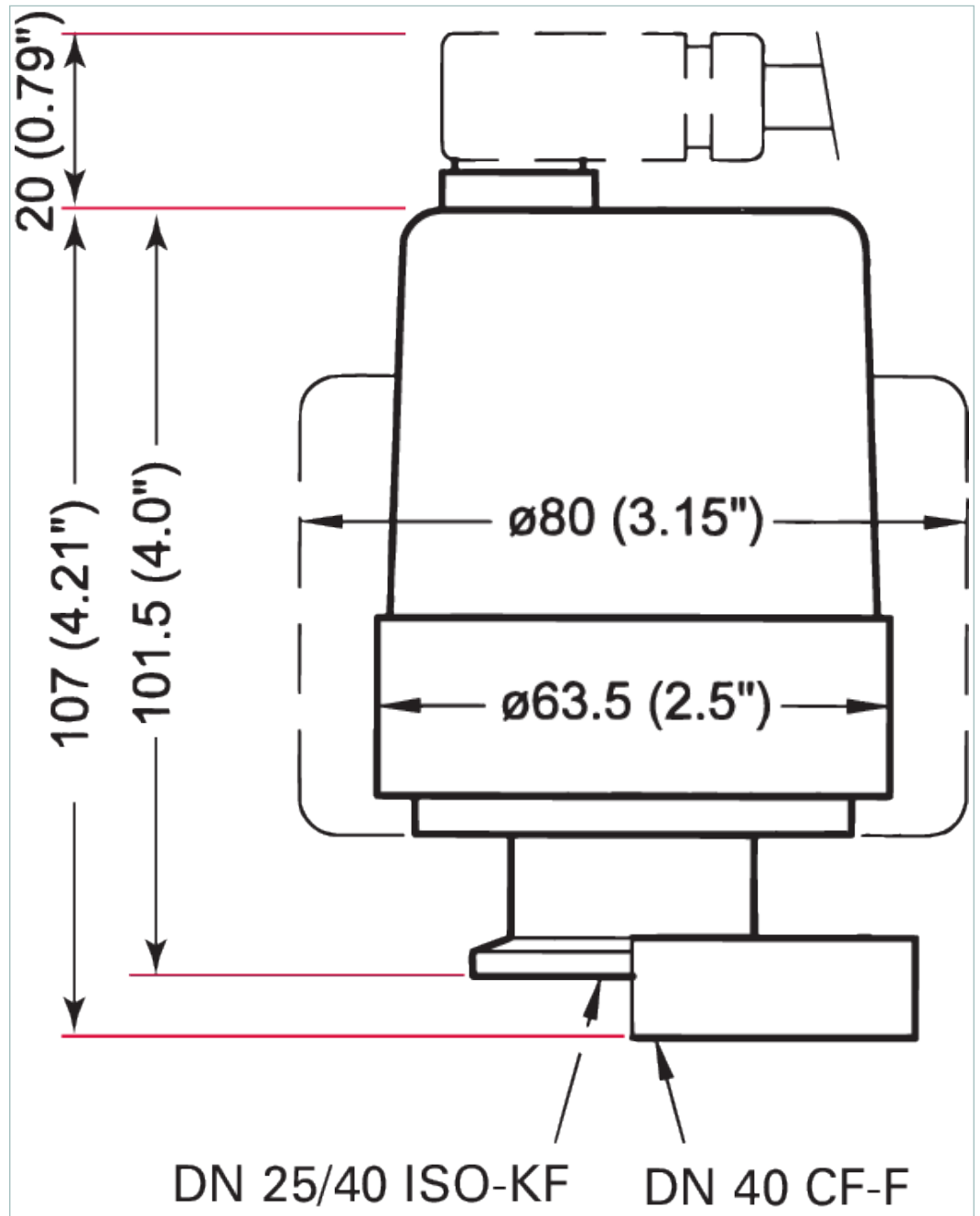


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IKR 270, metal sealed, DN 40 CF-F

- Flange size: DN 40 CF-F
- Maximum pressure applies to inert gases and temperatures of less than 55 °C
- Cold cathode (inverted magnetron)
- Rugged and dependable
- Insensitive to air ingress
- Corrosion-resistant

Dimensions



Technical Data	IKR 270, metal sealed, DN 40 CF-F
Ambient temperature	5-55 °C 41-131 °F 278-328 K
Anode	Mo
Attribute	Metal sealed
Bakeout temperature	Electronics removed 250 °C Electronics removed 482 °F Electronics removed 523 K
Feedthrough	Al ₂ O ₃
Flange, material	Stainless steel
Measurement cable length	500 m
Measuring range	5 · 10 ⁻¹¹ – 1 · 10 ⁻² hPa
Nominal diameter	DN 40 CF-F
Output signal: Measuring range	1.96 – 8.6 V
Output signal: Minimum load	10 kΩ
Precision: 1 · 10 ⁻⁹ – 1 · 10 ⁻³ hPa	± 30 %
Pressure max.	1000 kPa
Repeatability: 1 · 10 ⁻⁹ – 1 · 10 ⁻³ hPa	± 5 %
Seal	Silver
Supply: 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	950 g

Order number	
IKR 270	PT R21 251

Accessories	
Adapters (electrical) Adapter Measurement	
Mating connector, 6 pole	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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