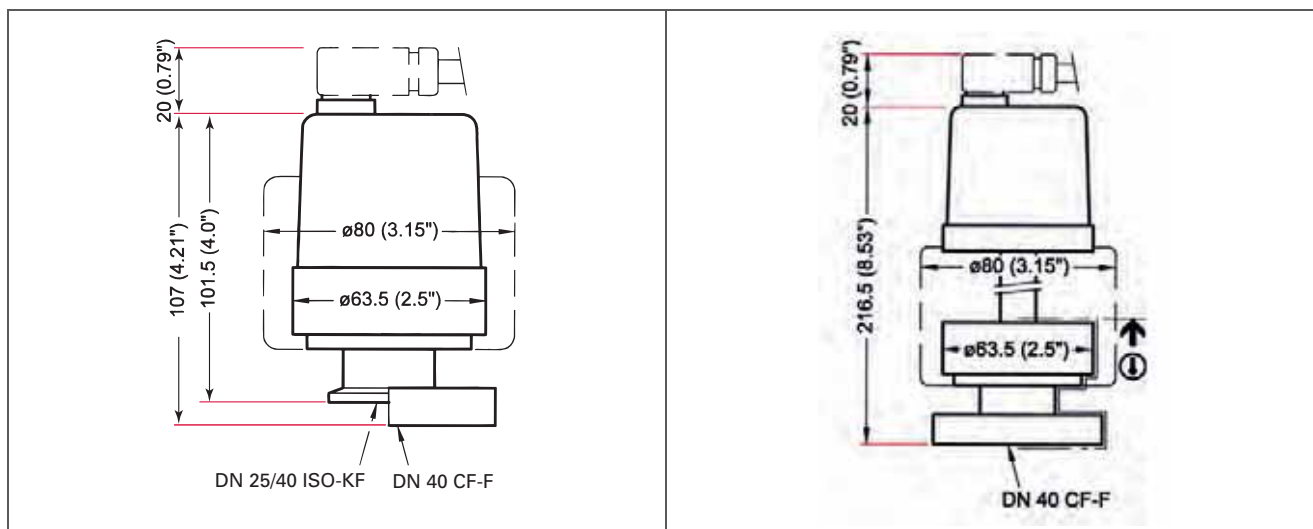


Cold Cathode transmitters IKR (5 · 10⁻¹¹ - 0.01 hPa)



- Flange size: DN 40 CF-F
- Measurement range from 5 · 10⁻¹¹ to 0.01 hPa
- Cold cathode (inverted magnetron)
- Rugged and dependable
- Insensitive to air ingress
- Corrosion-resistant
- Maximum pressure refers to inert gases and temperatures of less than 55 °C

Dimensions (in mm)



IKR 270, metal sealed

IKR 270, metal sealed, long case

Technical data	IKR 270, metal sealed, DN 40 CF-F	IKR 270, metal sealed, long case, DN 40 CF-F
Anode	Molybdenum	Molybdenum
Flange (in)	DN 40 CF-F	DN 40 CF-F
Output signal: Sensor error below	0.5 V	0.5 V
Output signal: Pressure range	1.8 - 8.5 V	1.8 - 8.5 V
Output signal: Minimum load	10 kΩ	10 kΩ
Bakeout temperature	250 °C, electronic removed	250 °C
Seal	Ag	Ag
Pressure max.	1000 kPa	1000 kPa
Feedthrough	Al ₂ O ₃	Al ₂ O ₃
Feature	Metal sealed	Metal sealed
Flange	Stainless steel	Stainless steel
Accuracy: 10 ⁻⁹ - 10 ⁻³ hPa	± 30 %	± 30 %
Weight	950 g	1200 g
Cable length	500 m	500 m
Measurement range max.	0.01 hPa	0.01 hPa
Measurement range min.	5 · 10 ⁻¹¹ hPa	5 · 10 ⁻¹¹ hPa
Temperature: Operating	5-55 °C	5-55 °C, in the bakeout range
Temperature: Storage	-40-+65 °C	-40-+65 °C
Supply: Voltage	15-30 V	15-30 V
Supply: Power consumption max.	2 W	2 W
Volume	20 cm ³	20 cm ³
Repeatability: 10 ⁻⁹ - 10 ⁻³ hPa	± 5 %	± 5 %

Order number		
Cold Cathode Gauges IKR 270 (5 · 10 ⁻¹¹ - 0,01 hPa)	PT R21 251	PT R21 261

Accessories		
Sensor cable, 3 m	PT 448 250 -T	PT 448 250 -T
Mating connector	B 4707 283 MA	B 4707 283 MA