



Active cold cathode transmitter IKR 251, DN 25 ISO-KF

Flange size: DN 25 ISO-KF



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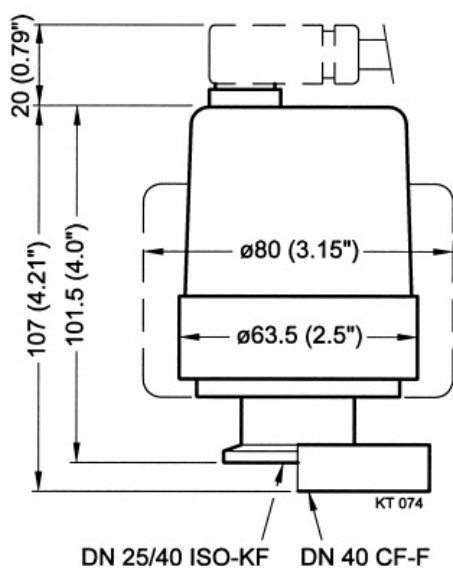
Active cold cathode transmitter IKR 251

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- ▶ Flange size: DN 25 ISO-KF
- ▶ Measurement range from $2 \cdot 10^{-9}$ to 0.01 mbar
- ▶ 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



A	101.5 mm
B	20 mm
C	63.5 mm

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Technical Data	Active cold cathode transmitter IKR 251, DN 25 ISO-KF
Accuracy: 10^{-8} - 10^{-3} mbar	± 30 %
Bakeout temperature	150 °C, electronic removed
Feature	Interior FPM sealed
Feedthrough	Al ₂ O ₃
Filament	Molybdenum
Flange	Stainless steel
Flange (in)	DN 25 ISO-KF
Measurement range max.	0.01 mbar
Measurement range min.	$2 \cdot 10^{-9}$ mbar
Output signal: Minimum load	10 k
Output signal: Pressure range	1.8-8.5 V
Output signal: Sensor error below	0.5 V
Pressure max.	10 bar
Repeatability: 10^{-8} - 10^{-3} mbar	± 5 %
Seal	FPM
Sensor cable length	500 m
Supply: Power consumption max.	2 W
Supply: Voltage	15-30 V
Temperature: Operating	5-55 °C
Temperature: Storage	-40 - +65 °C
Volume	20 cm ³
Weight	700 g

Order number	PTR25500
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Accessories	Active cold cathode transmitter IKR 251, DN 25 ISO-KF
Mating connector	B4707283MA
Sensor cable, 3 m	PT448250-T