



**PFEIFFER** VACUUM

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

**Flange size: DN 25 ISO-KF**



*Malaysia - Thailand*

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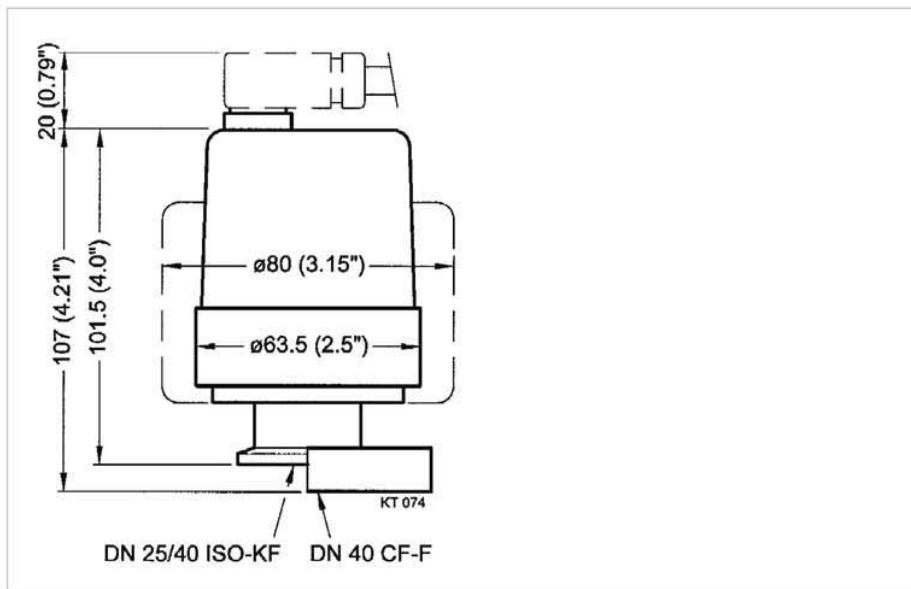
### IKR 251



Similar Image

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

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 <sub>2</sub> O <sub>3</sub>
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 <sup>3</sup>
Weight	700 g
<b>Order number</b>	<b>PTR25500</b>
<b>Accessories</b>	<b>Active cold cathode transmitter IKR 251, DN 25 ISO-KF</b>
Mating connector	<b>B4707283MA</b>
Sensor cable, 3 m	<b>PT448250-T</b>



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