



Active Pirani/cold cathode transmitter PKR 251, DN 25 ISO-KF

Flange size: DN 25 ISO-KF



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Active Pirani/cold cathode transmitter PKR 251, DN 25 ISO-KF

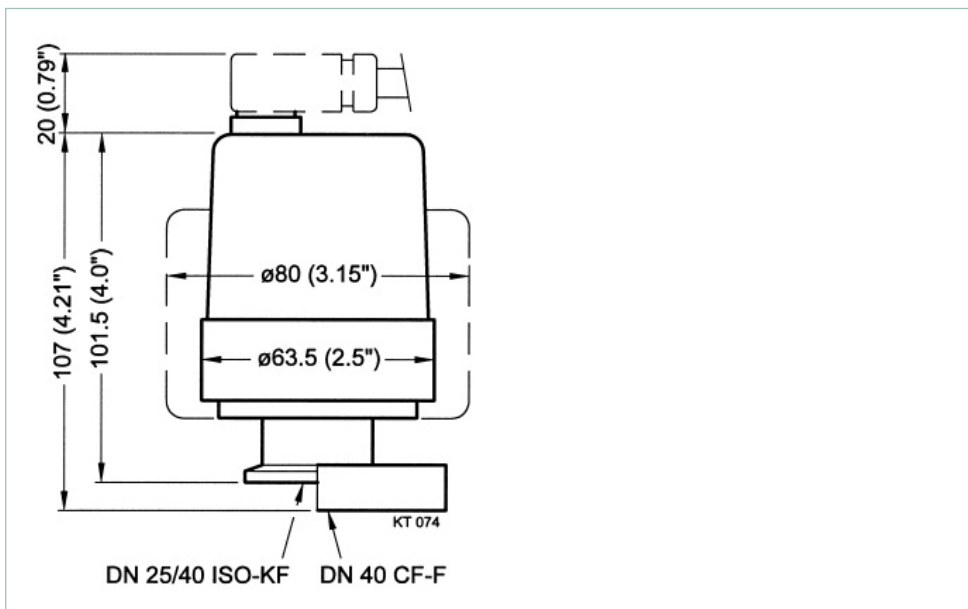
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- ▶ Flange size: DN 25 ISO-KF
- ▶ Measurement range from $5 \cdot 10^{-9}$ to 1000 mbar
- ▶ Two gauge heads (Pirani and cold cathode) in a single case (inverted magnetron)
- ▶ A single flange from atmospheric pressure to UHV
- ▶ Corrosion-resistant
- ▶ 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 Pirani/cold cathode transmitter PKR 251, DN 25 ISO-KF
Accuracy: 10^{-8} - 10^2 mbar	± 30 %
Bakeout temperature	150 °C, electronic removed
Feature	Interior FPM sealed
Feedthrough	Al ₂ O ₃ , Glass
Filament	Tungsten
Filament	Molybdenum
Flange	Stainless steel
Flange (in)	DN 25 ISO-KF
Measurement range max.	1000 mbar
Measurement range min.	$5 \cdot 10^{-9}$ mbar
Output signal: Minimum load	10 k
Output signal: Pressure range	1.8-8.6 V
Output signal: Sensor error above	9.5 V
Output signal: Sensor error below	0.5 V
Pressure max.	10 bar
Repeatability: 10^{-8} - 10^2 mbar	± 5 %
Seal	FPM
Sensor cable length	300 m
Supply: Power consumption max.	2 W
Supply: Voltage	15-30 V DC
Temperature: Operating	5-55 °C
Temperature: Storage	-40 - +65 °C
Volume	20 cm ³
Weight	700 g

Order number	PTR26000
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Accessories	Active Pirani/cold cathode transmitter PKR 251, DN 25 ISO-KF
Mating connector	B4707283MA
Sensor cable, 3 m	PT448250-T