



PKR 251, FPM sealed, DN 25 ISO-KF



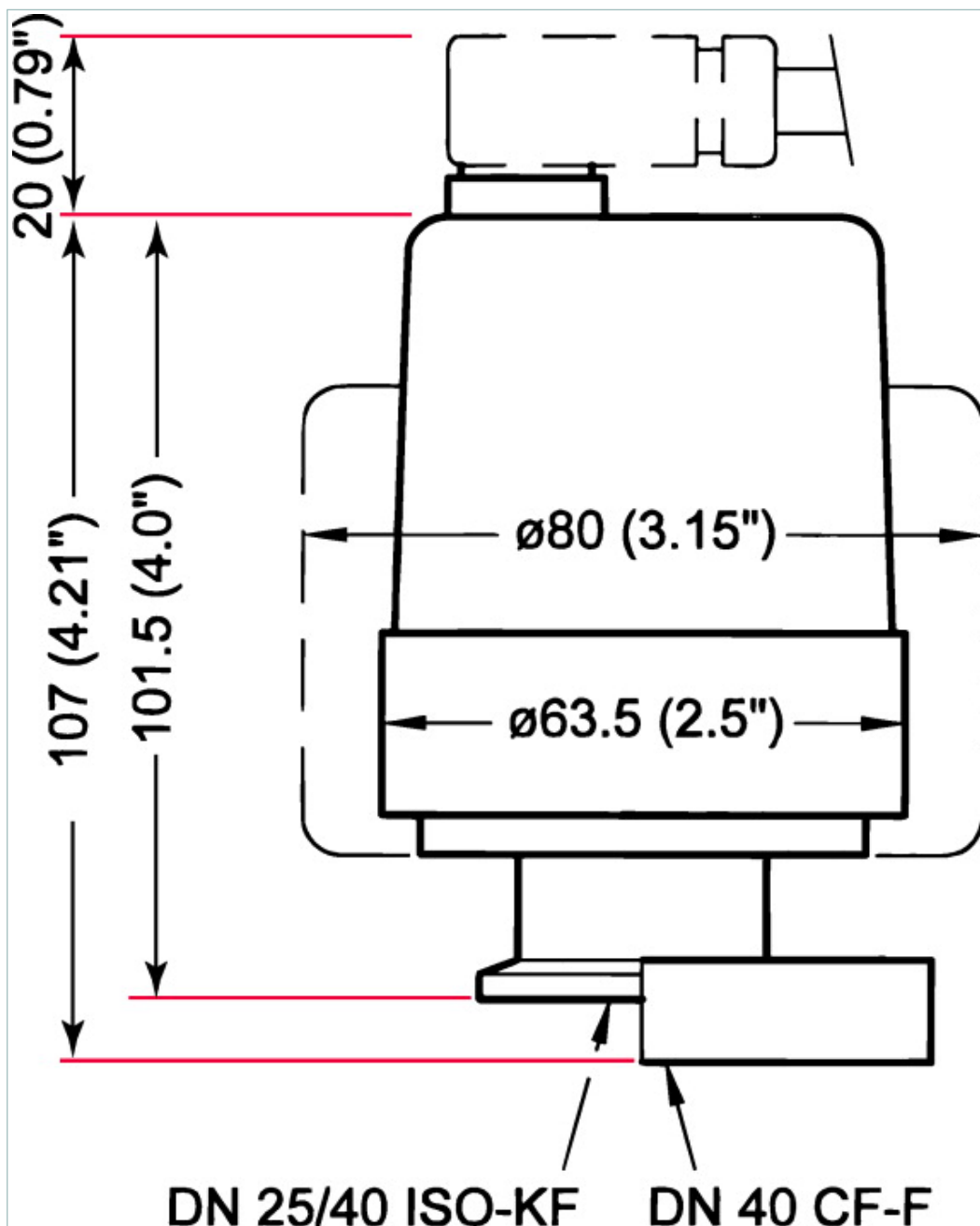


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- FullRange® gauge with two sensors in one housing
- Display range from $5 \cdot 10^{-9}$ to 1000 hPa
- Flange size: DN 25 ISO-KF
- Maximum pressure refers to inert gases and temperatures of less than 55 °C
- Corrosion-resistant

Dimensions



Technical Data

Accuracy: 10^{-8} - 10^2 hPa
Anode

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± 30 %
Molybdenum

Technical Data	PKR 251, FPM sealed, DN 25 ISO-KF
Bakeout temperature	Electronic removed, ≤ 150 °C Electronic removed, ≤ 302 °F Electronic removed, ≤ 423 K
Feature	Interior FPM sealed
Feedthrough	Al ₂ O ₃ , Glass
Filament	Tungsten
Flange	Stainless steel
Measurement range max.	1,000 hPa 750 Torr 1,000 mbar
Measurement range min.	5 · 10 ⁻⁹ hPa 3.75 · 10 ⁻⁹ Torr 5 · 10 ⁻⁹ mbar
Method of measurement	Pirani/Cold Cathode
Nominal diameter	DN 25 ISO-KF
Output signal: Minimum load	10 kΩ
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.	10,000 hPa 7,500 Torr 10,000 mbar
Repeatability: 10 ⁻⁸ - 10 ² hPa	± 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 41-131 °F 278-328 K
Temperature: Storage	-40-65 °C -40-149 °F 233-338 K
Volume	20 cm ³
Weight	700 g

Order number	
PKR 251	PT R26 000

Accessories	
Accessory for ActiveLine gauges and controllers	
Mating connector	B 4707 283 MA
Sensor cable, 3 m	PT 448 250 -T