



## Data sheet · PKR 251

**PKR 251, FPM sealed, DN 40 ISO-KF**

**Flange size: DN 40 ISO-KF**

## PKR 251, FPM sealed, DN 40 ISO-KF

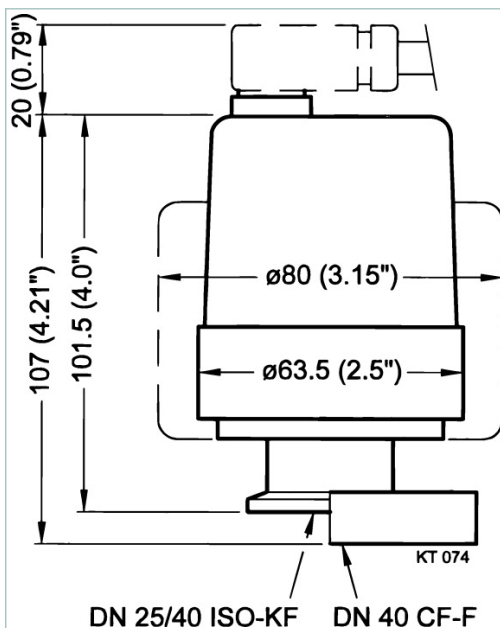
### PKR 251

Similar Image



- Flange size: DN 40 ISO-KF
- Measurement range from  $5 \cdot 10^{-9}$  to 1000 hPa
- 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

## PKR 251, FPM sealed, DN 40 ISO-KF

Technical Data	PKR 251, FPM sealed, DN 40 ISO-KF
Accuracy: $10^{-8}$ - $10^2$ hPa	± 30 %
Bakeout temperature	150 °C
Feature	Interior FPM sealed
Feedthrough	Al <sub>2</sub> O <sub>3</sub> , Glas
Filament	Tungsten
Filament	Molybdenum
Flange	Stainless steel
Flange (in)	DN 40 ISO-KF
Measurement range max.	1000 hPa
Measurement range min.	$5 \cdot 10^{-9}$ hPa
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.	1000 kPa
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
Temperature: Storage	-40-+65 °C
Volume	20 cm <sup>3</sup>
Weight	700 g

<b>Order number</b>	<b>PTR26001</b>
---------------------	-----------------

### ActiveLine sensor cables

Sensor cable, 3 m	<b>PT448250-T</b>
-------------------	-------------------

**Vacuum solutions  
from a single source**

Pfeiffer Vacuum stands for innovative and custom vacuum solutions worldwide, technological perfection, competent advice and reliable service.

**Complete range  
of products**

From a single component to complex systems:  
We are the only supplier of vacuum technology  
that provides a complete product portfolio.

**Competence in  
theory and practice**

Benefit from our know-how and our portfolio of training opportunities! We support you with your plant layout and provide first-class on-site service worldwide.

**Are you looking for a  
perfect vacuum solution?  
Please contact us:**

**Pfeiffer Vacuum GmbH**  
Headquarters · Germany  
T +49 6441 802-0  
[info@pfeiffer-vacuum.de](mailto:info@pfeiffer-vacuum.de)  
[www.pfeiffer-vacuum.com](http://www.pfeiffer-vacuum.com)