



# **PTR 225, metal-sealed, DN 25 ISO-KF**

## PTR 225, metal-sealed, DN 25 ISO-KF



Similar Image

- Connector FCC 68/RJ45, 8-pole
- Maximum pressure refers to inert gases and temperatures of less than 55 °C
- Cold-cathode (Penning system)
- Rugged and dependable
- Insensitive to air ingress
- Corrosion-resistant
- For vacuum processes in high- and ultra high vacuum

Technical Data	PTR 225, metal-sealed, DN 25 ISO-KF
Accuracy: $10^{-8}$ - $10^{-3}$ hPa	±30 %
Anode	Stainless steel 1.4301 (AISI 304)
Bakeout temperature	Electronic removed, ≤ 150 °C
Feedthrough	Al <sub>2</sub> O <sub>3</sub>
Flange	Edelstahl
Measurement range max.	$1 \cdot 10^{-2}$ mbar
Measurement range min.	$1 \cdot 10^{-8}$ mbar
Method of measurement	Cold cathode according to Penning
Nominal diameter	DN 25 ISO-KF
Output signal: Measurement range	0.66-10 V
Output signal: Minimum load	10 kΩ
Output signal: Sensor error below	0.4 V
Repeatability: % of measurement	±4 ( $1 \cdot 10^{-8}$ . $1 \cdot 10^{-4}$ ) %
Seal	Metal-sealed
Sensor cable length	50 m
Supply: Power consumption max.	2 W
Supply: Voltage	14.5-36 V DC, type 24 V DC
Temperature: Operating	10-50 °C
Temperature: Storage	20 – 70 °C
Volume	≤ 21 cm <sup>3</sup>
Weight	≤ 570 g

Order number	
PTR 225	PT T13 148 300

Accessories	
<b>Accessories MiniTest 300</b>	
Centering ring with poral filter, FPM/stainless steel, DN 25 ISO-KF	PF 117 225 -T
<b>Measurement cable FCC</b>	
Gauge cable FCC/RJ45, for CenterOne, CenterTwo, CenterThree, 3 m	PT 448 450 -T
<b>Vacuum accessories</b>	
Centering ring with metal mesh-fine filter, pore size 4 m, FPM/stainless steel	PT 120 036 -T

## 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

[www.pfeiffer-vacuum.com](http://www.pfeiffer-vacuum.com)

All data subject to change without prior notice.