



**PTR 237, metal-sealed, DN 40 CF-  
F**

## PTR 237, metal-sealed, DN 40 CF-F



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 237, metal-sealed, DN 40 CF-F
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 40 CF-F
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	≤ 25 cm <sup>3</sup>
Weight	≤ 790 g

Order number	
PTR 237	PT T13 358 300

Accessories	
<b>Measurement cable FCC</b>	
Gauge cable FCC/RJ45, for CenterOne, CenterTwo, CenterThree, 3 m	PT 448 450 -T

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All data subject to change without prior notice.