



# 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      | <b>PT T13 358 300</b> |

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

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