



PTR 225 S, metal- sealed with set points, DN 25 ISO-KF

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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 S, metal-sealed with set points, DN 25 ISO-KF
Accuracy: 10^{-8} - 10^{-3} hPa	±30 %
Anode	Stainless steel 1.4301 (AISI 304)
Bakeout temperature	Electronic removed, ≤ 150 °C
Feature	Switch point
Feedthrough	Al ₂ O ₃
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
Set point	Change over contact
Set point: Current max.	0.5 A DC
Set point: Voltage max.	60 V DC
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 ³
Weight	≤ 500 g

Order number	
PTR 225 S	PT T13 148 320

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

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