



TTR 101, Pirani/capacitive gauge, DN 16 ISO-KF

TTR 101, Pirani/capacitive gauge, DN 16 ISO-KF



Similar Image

- Metal-sealed
- Bakeout temperature: 80 °C
- Connector FCC 68/RJ45, 8-pole

Technical Data	TTR 101, Pirani/capacitive gauge, DN 16 ISO-KF
Accuracy of measurement in range 1	50 % ($5 \cdot 10^{-4}$ hPa – $1 \cdot 10^{-3}$ hPa)
Accuracy of measurement in range 2	15 % ($1 \cdot 10^{-3}$ hPa – $1 \cdot 10^2$ hPa)
Accuracy of measurement in range 3	5 % ($1 \cdot 10^2$ hPa – $9.5 \cdot 10^2$ hPa)
Accuracy of measurement in range 4	2.5 % (of measured value) ($9.5 \cdot 10^2$ hPa – $1.05 \cdot 10^3$ hPa)
Ambient temperature	10-50 °C 50-122 °F 283-323 K
Bakeout temperature max.	≤ 80 °C ≤ 176 °F ≤ 353 K
Feedthrough	Glass
Filament	Tungsten
Flange, material	Stainless steel
Input voltage(s)	15 – 30 V DC
Measurement cable length	100 m
Measuring method	Pirani Capacitive
Measuring range	$5 \cdot 10^{-5}$ – $1.5 \cdot 10^3$ mbar
Nominal diameter	DN 16 ISO-KF
Output signal: Measuring range	0.61 – 10.23 V
Output signal: Minimum load	10 kΩ
Power consumption max.	2.5 W
Pressure max.	5000 mbar
Repeatability in range 1	2 % ($1 \cdot 10^{-3}$ hPa – $1.1 \cdot 10^3$ hPa)
Seal	Metal
Temperature: Storage	-20-65 °C -4-149 °F 253-338 K
Volume	4.7 cm ³
Weight	120 g

Order number	
TTR 101	PT T11 138 310

Accessories	
Cables Measurement cables	
Measurement cable FCC/RJ-45, for CenterOne, CenterTwo, CenterThree, 3 m	PT 448 450 -T
Protection Inlet filters	
Centering ring with sintered metal filter, 0,02 mm pore size, FKM/stainless steel, DN 16 ISO-KF	PF 117 216 -T
Centering ring with fine filter, 0,004 mm pore size, FKM/stainless steel, DN 16 ISO-KF	PT 120 132 -T

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