



TTR 101, Pirani/Capacitance gauges, DN 16 ISO-KF

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Similar Image

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

Technical Data	TTR 101, Pirani/Capacitance gauges, DN 16 ISO-KF
Accuracy	$5 \cdot 10^{-4} - 1 \cdot 10^{-3}$: ± 50 %; $1 \cdot 10^{-3} - 100$ hPa: ± 15 %; 100-950 hPa: ± 5 %; 950 - 1050 hPa: $\pm 2,5$ %
Bakeout temperature	80 °C
Feedthrough	Glass
Filament	Tungsten
Flange	Edelstahl
Measurement range max.	$1.5 \cdot 10^3$ mbar
Measurement range min.	$5 \cdot 10^{-5}$ mbar
Method of measurement	Pirani/Capacitance
Nominal diameter	DN 16 ISO-KF
Output signal: Measurement range	0.61-10.23 V
Output signal: Minimum load	10 k Ω
Repeatability: $10^{-3} - 1100$ hPa	± 2 %
Seal	Metal
Sensor cable length	100 m (0.14 mm ² /wire)
Supply: Power consumption max.	2.5 W
Supply: Voltage	15-30 V DC
Temperature: Operating	10-50 °C
Temperature: Storage	20 – 65 °C
Volume	4.7 cm ³
Weight	120 g

Order number	
TTR 101	PT T11 138 310

Accessories	
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 120 132 -T
Centering ring with protection filter, pore size 20 m, FPM/stainless steel	PF 117 216 -T

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