



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

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



Similar Image

- For accurate gas-type independent pressure measurement of venting procedures
- Display range  $5 \cdot 10^{-5}$  to 1500 mbar
- Two sensors in one gauge head (Pirani and capacitance diaphragm)
- Metal-sealed
- Bakeout temperature 80 °C
- Connector FCC 68/RJ45, 8-pole

Technical Data	TTR 101, Pirani/Capacitance gauges, DN 16 ISO-KF
Accuracy	$5 \cdot 10^{-4} - 1 \cdot 10^{-3}$ : $\pm 50$ %; $1 \cdot 10^{-3} - 100$ hPa: $\pm 15$ %; 100-950 hPa: $\pm 5$ %; 950 - 1050 hPa: $\pm 2,5$ %
Bakeout temperature	80 °C   176 °F   353 K
Feedthrough	Glass
Filament	Tungsten
Flange	Stainless steel
Measurement range max.	1500 mbar
Measurement range min.	$5 \cdot 10^{-5}$ mbar
Method of measurement	Pirani/Capacitance
Nominal diameter	DN 16 ISO-KF
Output signal: Minimum load	10 k $\Omega$
Output signal: Pressure range	0.61-10.23 V
Pressure max.	5000 mbar
Repeatability: $10^{-3} - 1100$ hPa	$\pm 2$ %
Seal	Metal
Sensor cable length	100 m (0.14 mm <sup>2</sup> /wire)
Supply: Power consumption max.	2.5 W
Supply: Voltage	15-30 V DC
Temperature: Operating	10-50 °C   50-122 °F   283-323 K
Temperature: Storage	-20-65 °C   -4-149 °F   253-338 K
Volume	4.7 cm <sup>3</sup>
Weight	120 g

Order number	
TTR 101	<b>PT T11 138 310</b>

Accessories	
<b>Accessories CenterLine gauges and controllers</b>	
Gauge cable FCC/RJ45, for CenterOne, CenterTwo, CenterThree, 3 m	<b>PT 448 450 -T</b>
<b>Vacuum accessories</b>	
Centering ring with metal mesh-fine filter, pore size 4 m, FPM/stainless steel	<b>PT 120 132 -T</b>
Centering ring with poral filter, pore size 20 m, FPM/stainless steel	<b>PF 117 216 -T</b>

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