



TTR 91, Pirani gauge, DN 16 ISO-KF



Similar Image

TTR 91, Pirani gauge, DN 16 ISO-KF

- Connector FCC 68/RJ45, 8-pole
- For general vacuum applications
- Compact and rugged
- Maximum pressure refers to inert gases

Technical Data	TTR 91, Pirani gauge, DN 16 ISO-KF
Ambient temperature	5-60 °C 41-140 °F 278-333 K
Bakeout temperature	80 °C
Feedthrough	Glass
Filament	Tungsten
Flange, material	Stainless steel
Measurement cable length	100 m
Measuring method	Pirani
Measuring range	$5 \cdot 10^{-4} - 1 \cdot 10^3$ hPa
Nominal diameter	DN 16 ISO-KF
Output signal: Measuring range	1.9 – 10 V
Output signal: Minimum load	10 kΩ
Precision: $1 \cdot 10^{-3} - 100$ hPa	± 15 %
Pressure max.	10,000 hPa 7,500 Torr 10,000 mbar
Protection degree	IP40
Repeatability: $1 \cdot 10^{-3} - 100$ hPa	± 2 %
Resolution	1 % of measurement
Response time	80 ms
Seal	Metal
Supply: consumption max.	≤ 1 W
Supply: Voltage V DC	14 – 30 V DC
Temperature: Storage	-20-65 °C -4-149 °F 253-338 K
Volume	1.5 cm ³
Weight	80 g

Order number	
TTR 91	PT T10 138 300

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, pore size 20 µm, FKM/stainless steel, DN 16 ISO-KF	PF 117 216 -T
Centering ring with fine filter, pore size 4 µm, FKM/stainless steel, DN 16 ISO-KF	PT 120 132 -T

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