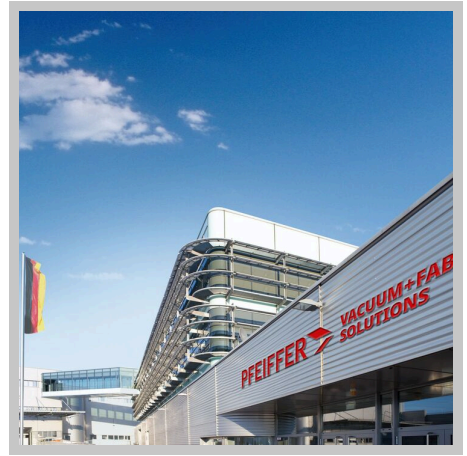




TTR 101, Pirani/capacitive gauge, DN 16 ISO-KF



PFEIFFER ➤

TTR 101



Illustration only

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

- Metal sealed
- Bakeout temperature: 80 °C
- Equipment connector FCC 68/RJ45, 8-pin

TTR 101

Technical Data	TTR 101, Pirani/capacitive gauge, DN 16 ISO-KF
Output signal: Measuring range	0.61 – 10.23 V
Feedthrough	Glass
Measuring range	$5 \cdot 10^{-5}$ – $1.5 \cdot 10^3$ hPa
Flange, material	Stainless steel
Seal	Metal
Anode	130727
Ambient temperature	10 – 50 °C
Temperature: Storage, max	+65 °C
Temperature: Storage, min	-20 °C
Measuring accuracy in range 1	50 % ($5 \cdot 10^{-4}$ hPa – $1 \cdot 10^{-3}$ hPa)
Measuring accuracy in range 2	15 % ($1 \cdot 10^{-3}$ hPa – $1 \cdot 10^2$ hPa)
Measuring accuracy in range 3	5 % ($1 \cdot 10^2$ hPa – $9.5 \cdot 10^2$ hPa)
Measuring accuracy in range 4	2.5 % (of measured value) ($9.5 \cdot 10^2$ hPa – $1.05 \cdot 10^3$ hPa)
Measuring method	Pirani Capacitive
Input voltage(s)	15 – 30 V DC
Volume	4.7 cm ³
Output signal: Minimum load	10 kΩ
Pressure max.	$5 \cdot 10^3$ hPa $3.75 \cdot 10^3$ Torr $5 \cdot 10^3$ mbar
Pressure max.	$5 \cdot 10^3$ hPa
Power consumption max.	2.5 W
Output signal: Minimum load	10 kΩ
Connection flange	DN 16 ISO-KF
Weight	0.12 kg
Filament	Tungsten
Repeatability in range 1	2 % ($1 \cdot 10^{-3}$ hPa – $1.1 \cdot 10^3$ hPa)

Order number	TTR 101, Pirani/capacitive gauge, DN 16 ISO-KF
TTR 101, Pirani/capacitive gauge, DN 16 ISO-KF	PT T11 138 310

Accessories	TTR 101, Pirani/capacitive gauge, DN 16 ISO-KF
Spare measurement system for PCR 280, TTR 101/S2 DN 16 ISO-KF	PT 120 041 -T



Errors and/or changes excepted. - 9/30/2025

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