

VACTEST GTP 100 C

Analog transmitter



VACUUM SOLUTIONS



Flexible

Measurement range (1000 to $5 \cdot 10^{-4}$ mbar)

Reliable

High industrial standards, robust stainless steel case, optional platinum / rhodium filament for corrosive applications, insensitive against shock venting

Efficient

Ultra-low leakage rate $< 5 \cdot 10^{-10}$ mbar · l/s

Accessories, spare parts and options

- 0-10 V connecting cable
- Active Sensor Controller
- Calibration certificate

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Measurement principle	Pirani
Materials exposed to vacuum	Stainless steel 1.4307, nickel, platinum / rhodium, glass
Filament material	Platinum / Rhodium
Measurement range	1000–5 · 10 ⁻⁴ mbar
Overpressure limit	10 bar abs.
Measurement uncertainty	< 30% of reading (1000–10 mbar) , < 10% of reading (10–1 · 10 ⁻² mbar), < factor 2 (< 1 · 10 ⁻² mbar)
Repeatability of measurement	±5% of reading (10–1 · 10 ⁻² mbar)
Leakage rate	< 5 · 10 ⁻¹⁰ mbar · l/s
Reaction time	< 200 ms
Electrical connection	Hirschmann, 6 poles
Supply voltage	15–30 V
Max. power consumption	1.5 W
Output signal	0–10 V
Operating temperature	+5 ... +60 °C
Max. bake-out temperature	150 °C
Protection class	IP40
Weight approx.	120 g
Dimensions (L x W x H)	32 × 32 × 66 mm
Vacuum connection	DN 16 ISO-KF

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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