

# VACTEST GRP 100 / GRP 200

Analog transmitter



VACUUM SOLUTIONS



## Flexible

Measurement range (1400 to 1 mbar), flexible analog output signals (4–20 mA or 0–10 V depending on the model)

## Reliable

High industrial standards, robust stainless steel case, insensitive against shock venting, protected and robust spiral coil filament, gas type independent

## Efficient

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

Accessories, spare parts and options

- Active Sensor Controller
- 0-10 V Mating plug
- Hose nozzle – G ¼" male adapter
- 0-10 V Connecting cable
- Calibration certificate

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Analog transmitter



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|                             | VACTEST GRP 100   | VACTEST GRP 200   |
|-----------------------------|---|---|
| Measurement principle       | Piezoresistive  | Piezoresistive  |
| Materials exposed to vacuum | Stainless steel 1.4305, Al <sub>2</sub> O <sub>3</sub> ceramic, FKM | Stainless steel 1.4305, Al <sub>2</sub> O <sub>3</sub> ceramic, FKM |
| Measurement range           | 1400-1 mbar   | 1400-1 mbar   |
| Overpressure limit          | 4 bar abs.  | 4 bar abs.  |
| Measurement uncertainty     | < 0.3% full scale   | < 0.3% full scale   |
| Leakage rate                | < 5 · 10 <sup>-10</sup> mbar · l/s                                  | < 5 · 10 <sup>-10</sup> mbar · l/s                                  |
| Reaction time               | < 20 ms   | < 20 ms   |
| Electrical connection       | Hirschmann, 6 poles   | M12 A, 5 poles  |
| Supply voltage              | 15-30 V   | 9-30 V  |
| Max. power consumption      | 0.6 W   | 0.6 W   |
| Output signal               | 0-10 V  | 4-20 mA   |
| Operating temperature       | +5 ... +60 °C   | +5 ... +60 °C   |
| Protection class            | IP40  | IP54  |
| Weight approx.              | 120 g   | 120 g   |
| Dimensions (L x W x H)      | 32 × 32 × 66 mm   | 32 × 32 × 81 mm   |
| Vacuum connection           | DN 16 ISO-KF, G ¼ female thread                                     | DN 16 ISO-KF, G ¼ female thread                                     |

## DO YOU WANT TO KNOW MORE?

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