



DI 2000, DI 200

Linear Vacuum Sensor

INFICON DI 2000 / 200 sensors are robust vacuum gauges based on ceramic capacitance cells. Available for 2000mbar or 200 mbar range with 2 wire current loop.

ADVANTAGES

- Corrosion resistant
- Robust design

Applications

- Chemical vacuum
- Energy application
- Industrial vacuum equipment
- Vacuum to high vacuum



ORDERING INFORMATION

Type	Part no
DI 2000, 2000mbar, 16-KF	390-226
DI 2000, 200mbar, 16-KF	390-354

ACCESSORIES

Type	Part no
DI-SC / DI-Signal Converter kpl. to operate DI 2000 with VGC 50x controller	398-470

Specifications

Measurement range	1 ... 2000 mbar / 1 ... 200 mbar
Overload range, max. (abs)	10 bar
Operating temperature range	0 ... 60 °C
Measurement uncertainty ¹⁾ (± temperature error)	0.20 % FS ^{*)}
Temperature error in % FS ^{*)} / 10 K	
Zero drift	0.10
Sensitivity drift	0.15
Principle of measurement	capacitive
Gauge head supply	Two-wire system 4 ... 20 mA
Supply voltage	+24 V (dc) typ. operating range 12 ...30 V
Dead volume	3 cm ³
Vacuum connection	DN 16 ISO- KF
Leak rate	$<1 \times 10^{-6}$ mbar·l·s ⁻¹
Weight	≈0.55 kg
Type of protection	IP 44
Materials in contact with the medium	stainless steel 1.4305, Al ₂ O ₃ (96%) ceramics, FPM

¹⁾ Sum of linearity, hysteresis and reproducibility

^{*)} FS = Full scale

Dimensions

