

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

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

Specifications

Measurement range 1 ... 2000 mbar / 1 ... 200 mbar

Overload range, max. (abs) 10 bar Operating temperature range $0 \dots 60 \,^{\circ}\text{C}$ Measurement uncertainty $^{1)}$ 0.20 % FS *

(± temperature error)

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

+24 \/ (de) typ

Supply voltage $+24 \lor (dc)$ typ.

operating range 12 ...30 V

Dead volume 3 cm³

Vacuum connection DN 16 ISO- KF Leak rate $<1\times10^{-6}$ mbar·l·s⁻¹

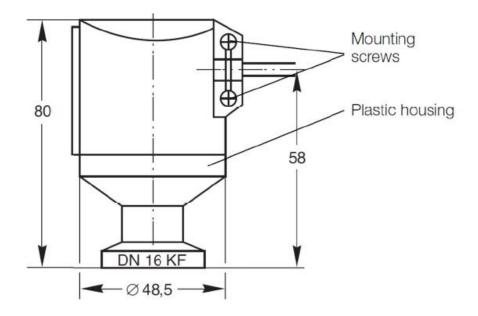
Weight ≈0.55 kg Type of protection IP 44

Materials in contact with the stainless steel 1.4305, Al₂O₃ (96%)

medium ceramics, FPM

Sum of linearity, hysteresis and reproducibility

Dimensions



^{*)} FS = Full scale