

Product No: 250250115100F003B2000

BD SENSORS DMK331 INDUSTRIAL PRESSURE TRA 250250115100F003B2000

FEATURES

- Pressure port G 1/2" flush for pasty and polluted media.
- Pressure port G 1/2" open port PVDF for aggressive media.

General Information

Brand	BD SENSORS
Product Series	DMK 331
Product Type	Ceramic Sensor
Version	Standard

Technical Attributes

Accuracy	0.5 % FSO
Application	Plant and machine engineering. Energy industry. Environmental engineering (water - sewage - recycling). Medical technology (Specially for oxygen application).
Electrical Connection	Male and female plug ISO 4400
Electrical Protection	Short-circuit protection: Permanent, Reverse polarity protection: No damage, but also no function, Electromagnetic compatibility: emission and immunity according to EN 61326.
Input Pressure (bar)	2.5
Mechanical Connection	G1/2" DIN 3852 with semi-flush sensor (Possible for nominal pressure ranges $p_N \leq 60$ bar; absolute pressure ranges on request)
Mechanical Stability	Vibration: 10 g RMS (25 ... 2000 Hz) according to DIN EN 60068-2-6. Shock: 500 g / 1 msec according to DIN EN 60068-2-27.
Operational Life	100 million load cycles

Output Signal	4 ... 20 mA / 2-wire
Permissible Temperatures	Medium: -40 ... 125 °C Electronics / Environment: -40 ... 85 °C Storage: -40 ... 100 °C
Pressure Port	PVDF (PVDF only with G1/2" DIN 3852 open pressure port (up to 60 bar); permissible medium temperature: -30 ... 60 °C)
Response Time (ms)	≤ 10
Seals	EPDM (Possible for nominal pressure ranges p N ≤ 160 bar)

Physical Attributes

Diaphragm Material	Ceramics Al ₂ O ₃ 96 %
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Resources

Product catalogue (Flipbook)	Download from here
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