

## Product No: 250160115M10F00112000

### BD SENSORS DMK331 INDUSTRIAL PRESSURE TRANSMITTER DMK331 INDUSTRIAL PRESSURE TRA 250160115M10F00112000

#### 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 plug M12x1 (4-pin) / metal
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)	1.6
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	Stainless steel 1.4404 (316L)
Response Time (ms)	≤ 10
Seals	FKM

### Physical Attributes

Diaphragm Material	Ceramics Al <sub>2</sub> O <sub>3</sub> 96 %
--------------------	--

### Resources

Product catalogue (Flipbook)	<a href="#">Download from here</a>
------------------------------	------------------------------------