

Product No: 500100113100Z31112000

BD SENSORS DMP331P INDUSTRIAL PRESSURE TRANSMITTER DMP331P INDUSTRIAL PRESSURE TR 500100113100Z31112000

FEATURES

- Hygienic version.
- Diaphragm with low surface roughness.
- CIP / SIP cleaning up to 150 °C.
- Vacuum resistant.

General Information

Brand	BD SENSORS
Product Series	DMP 331P
Product Type	Stainless Steel Sensor
Version	Standard

Technical Attributes

Accuracy	Standard for pN ≥ 0.4 bar: 0.35 % FSO
Application	Food and beverage related applications. Pharmaceutical industry.
Electrical Connection	Male and female plug ISO 4400 [Standard: 2 m PVC cable without ventilation tube (permissible temperature: -5 ... 70°C), others on request]
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)	1.0
Mechanical Connection	G1" with flush welded diaphragm (DIN 3852)
Mechanical Stability	Vibration: G 1/2": 20 g RMS (25 ... 2000 Hz), Others: 10 g RMS (25 ... 2000 Hz) according to DIN EN 60068-2-6. Shock: G 1/2": 500 g / 1 msec, Others: 100 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: -10 ... 125 °C

Medium with Cooling Element: -10 ... 250 °C / -10 ... 150 °C (Overpressure/Vacuum)
Electronics / Environment: -40 ... 85 °C
Storage: -40 ... 100 °C

Response Time (ms)	< 10
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Seals	For inch thread - standard: FKM
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Physical Attributes

Diaphragm Material	Stainless steel 1.4435 (316L)
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Filling Fluid Type	Food compatible oil (FDA) / 3A
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Resources

Product catalogue (Flipbook)	Download from here
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