

Product No: 500400113M10Z00111000

BD SENSORS DMP331P INDUSTRIAL PRESSURE TRANSMITTER DMP331P INDUSTRIAL PRESSURE TR 500400113M10Z00111000

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 \geq 0.4 bar: 0.35 % FSO
Application	Food and beverage related applications. Pharmaceutical industry.
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)	4.0
Mechanical Connection	G1/2" 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: -40 ... 125 °C Medium with Cooling Element: -40 ... 300 °C / -40 ... 150 °C (Overpressure/Vacuum)

Electronics / Environment: -40 ... 85 °C
Storage: -40 ... 100 °C

Response Time (ms)

< 10

Seals

For inch thread - standard: FKM

Physical Attributes

Diaphragm Material

Stainless steel 1.4435 (316L)

Filling Fluid Type

Silicone oil

Resources

Product catalogue (Flipbook)

[Download from here](#)
