

## Product No: 500100113M10Z31112000

### BD SENSORS DMP331P INDUSTRIAL PRESSURE TRANSMITTER DMP331P INDUSTRIAL PRESSURE TR 500100113M10Z31112000

#### 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)	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

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Response Time (ms) < 10

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Seals For inch thread - standard: FKM

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### Physical Attributes

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Diaphragm Material Stainless steel 1.4435 (316L)

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Filling Fluid Type Food compatible oil (FDA) / 3A

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### Resources

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Product catalogue (Flipbook) [Download from here](#)

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