

Product No: 5002500E2100S12101000

BD SENSORS DMP331P INDUSTRIAL PRESSURE TRANSMITTER DMP331P INDUSTRIAL PRESSURE TR 5002500E2100S12101000

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	For pN ≥ 0.4 bar: 0.25 % FSO
Application	Food and beverage related applications. Pharmaceutical industry.
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)	0.25
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	Intrinsic safety 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 clamp, dairy pipe, Varivent®: Without

Physical Attributes

Diaphragm Material	Stainless steel 1.4435 (316L)
Filling Fluid Type	Silicone oil

Resources

Product catalogue (Flipbook)	Download from here
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