

## Product No: 500400011850C63102211

### BD SENSORS DMP331PI PRECISION PRESSURE TRANSMITTER DMP331P INDUSTRIAL PRESSURE TR 500400011850C63102211

#### 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

#### Technical Attributes

Application	Food and beverage related applications. Pharmaceutical industry.
Electrical Connection	Compact field housing stainless steel 1.4301 (304) [The cup nut has to be mounted by production of pressure transmitter with electrical connection field housing and mechanical connection dairy pipe. The cup nut has to be ordered as separate position.]
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)	0.40
Mechanical Connection	Clamp DN 50 / 2" (DIN 32676) / 3A
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

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	Food compatible oil (FDA) / 3A

### Resources

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