

## Product No: 500400013T AOC63102200

### BD SENSORS DMP331P INDUSTRIAL PRESSURE TRANSMITTER DMP331P INDUSTRIAL PRESSURE TR 500400013T AOC63102200

#### 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        | With cooling element up to 300°C / 3A |

#### Technical Attributes

|                          |   |
|--------------------------|---|
| Accuracy                 | Standard for pN ≥ 0.4 bar: 0.35 % FSO   |
| Application              | Food and beverage related applications.<br>Pharmaceutical industry.   |
| Electrical Connection    | Cable outlet with PVC cable (IP67) [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)     | 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.<br>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                                      |
| 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> |
|------------------------------|------------------------------------|