

Product No: 500250015T A0C61102200

BD SENSORS DMP331P INDUSTRIAL PRESSURE TRANSMITTER DMP331P INDUSTRIAL PRESSURE TR 500250015T A0C61102200

FEATURES

- Hygienic version.
- Diaphragm with low surface roughness.
- CIP / SIP cleaning up to 150 °C.
- Vacuum resistant.

General Information

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| Brand | BD SENSORS |
| Product Series | DMP 331P |
| Product Type | Stainless Steel Sensor |
| Version | With cooling element up to 300°C / 3A |

Technical Attributes

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|--------------------------|---|
| Accuracy | Standard for pN < 0.4 bar: 0.50 % FSO |
| Application | Food and beverage related applications. 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) | 0.25 |
| Mechanical Connection | Clamp DN 25 / 1" (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 |
| 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 |
| Seals | For clamp, dairy pipe, Varivent®: Without |

Physical Attributes

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|--------------------|--------------------------------|
| Diaphragm Material | Stainless steel 1.4435 (316L) |
| Filling Fluid Type | Food compatible oil (FDA) / 3A |

Resources

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| Product catalogue (Flipbook) | Download from here |
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