

## Product No: 250600115100H001B2000

### BD SENSORS DMK331 INDUSTRIAL PRESSURE TRANSMITTER DMK331 INDUSTRIAL PRESSURE TRA 250600115100H001B2000

#### FEATURES

- Pressure port G 1/2" flush for pasty and polluted media.
- Pressure port G 1/2" open port PVDF for aggressive media.

#### General Information

|                |                |
|----------------|----------------|
| Brand          | BD SENSORS     |
| Product Series | DMK 331        |
| Product Type   | Ceramic Sensor |
| Version        | Standard       |

#### Technical Attributes

|                       |  |
|-----------------------|--|
| Accuracy              | 0.5 % FSO  |
| Application           | Plant and machine engineering.<br>Energy industry.<br>Environmental engineering (water - sewage - recycling).<br>Medical technology (Specially for oxygen application).        |
| 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)  | 6.0  |
| Mechanical Connection | G1/2" DIN 3852 open pressure port  |
| Mechanical Stability  | Vibration: 10 g RMS (25 ... 2000 Hz) according to DIN EN 60068-2-6.<br>Shock: 500 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: -40 ... 125 °C<br>Electronics / Environment: -40 ... 85 °C<br>Storage: -40 ... 100 °C                         |
| Pressure Port            | PVDF (PVDF only with G1/2" DIN 3852 open pressure port (up to 60 bar); permissible medium temperature: -30 ... 60 °C) |
| Response Time (ms)       | ≤ 10  |
| Seals                    | FKM   |

### Physical Attributes

|                    |  |
|--------------------|--|
| Diaphragm Material | Ceramics Al <sub>2</sub> O <sub>3</sub> 96 % |
|--------------------|--|

### Resources

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