

Product No: 250250215100H001B2000

BD SENSORS DMK331 INDUSTRIAL PRESSURE TRANSMITTER DMK331 INDUSTRIAL PRESSURE TRA 250250215100H001B2000

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. Energy industry. Environmental engineering (water - sewage - recycling). 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) | 25 |
| 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. 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 Electronics / Environment: -40 ... 85 °C 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 ₂ O ₃ 96 % |
|--------------------|--|

Resources

| | |
|------------------------------|------------------------------------|
| Product catalogue (Flipbook) | Download from here |
|------------------------------|------------------------------------|