

Product No: 5111002A011AK0100Z31111

BD SENSORS XMPI PRECISION PRESS. T/M FOR PROC. IND. C/W HART XMPI 5111002A011AK0100Z31111

FEATURES

- Two chamber aluminium die cast case or stainless field housing.
- Internal or flush welded diaphragm.
- HART®-communication.
- Explosion protection intrinsic safety.

General Information

Brand	BD SENSORS
Product Series	XMP i
Product Type	Stainless Steel Sensor

Technical Attributes

Accuracy	0.1 % FSO
Application	Preferred areas of use are: Oil and gas industry / chemical and petrochemical industry. Food / pharmaceutical industry.
Electrical Connection	Terminal clamp alu housing.
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 ... 10
Mechanical Connection	Standard pressure connections: G1/2" DIN 3852
Mechanical Stability	Vibration: 5 g RMS (25 ... 2000 Hz) according to DIN EN 60068-2-6. Shock: 100 g / 11 msec according to DIN EN 60068-2-27.
Operational Life	100 million load cycles
Output Signal	Intrinsic safety (ia) 4 ... 20 mA / 2-wire with HART®-communication

Environment: -40 ... 85 °C without display, -20 ... 70 °C with display.

Storage: -40 ... 80 °C without display, -30 ... 80 °C with display.

Response Time (ms)

100 (Without consideration of electronic damping)

Physical Attributes

Design

Aluminium die cast case with display.

Filling Fluid Type

Silicone Oil

Resources

Product catalogue (Flipbook)

[Download from here](#)
