

Product No: 591D049E5G01100112000

BD SENSORS DMK457 PRESS. T/M F OR SHIPBUILDING AND OFFSHORE DMK457 PRESS. T/M FOR SHIPBUIL 591D049E5G01100112000

FEATURES

- Pressure port in CuNiFe (sea water resistant).
- Ideal for oxygen applications.
- LR, DNV, ABS & CCS certified.



General Information

Brand	BD SENSORS
Product Series	DMK 457
Product Type	Ceramic Sensor
Suitable For	Fuel and Oil Water and Sea Water
Version	Standard

Technical Attributes

Accuracy	0.5 % FSO
Application	Drives, Compressors, Boiler, Pneumatic Control Systems, Oxygen applications
Electrical Connection	Male and female plug ISO 4400 GL (for cable Ø 4.5...11 mm) [Cable socket is GL-approved]
Electrical Protection	Short-circuit protection: Permanent, Reverse polarity protection: No damage, but also no function, Electromagnetic compatibility: emission and immunity according to EN 61326, DNV (Det Norske Veritas).
Input Pressure (bar)	0.8...1.4
Mechanical Connection	G1/2" DIN 3852
Mechanical Stability	4 g (according to DNV: class B, curve 2 / basis: IEC 60068-2-6)
Operational Life	100 million load cycles.
Output Signal	Intrinsic safety 4 ... 20 mA / 2-wire

Storage: -40 ... 100 °C

Pressure Port	Stainless steel 1.4404 (316L)
Response Time (ms)	< 10
Seals	FKM

Physical Attributes

Diaphragm Material	Ceramics Al2O3 96 %
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Resources

Product catalogue (Flipbook)	Download from here
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