

Product No: 590100315G101001K2000

BD SENSORS DMK457 PRESS. T/M F OR SHIPBUILDING AND OFFSHORE DMK457 PRESS. T/M FOR SHIPBUIL 590100315G101001K2000

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, Oil, Water and Sea Water.
Version	Standard

Technical Attributes

Accuracy	0.5 % FSO
Application	Drives, Compressors, Boiler, Pneumatic Control Systems and Oxygen Applications.
Electrical Connection	Male and female plug ISO 4400 (for cable Ø 4...6 mm).
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)	100
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	4 ... 20 mA / 2-wire
Permissible Temperatures	Medium: -40 ... 125 °C Electronics / Environment: -40 ... 85 °C

Storage: -40 ... 100 °C

Pressure Port

Copper-nickel-alloy (CuNi10Fe1Mn) [Optionally for nominal pressure ranges up to 400 bar and mechanical connections G1/2" DIN 3852, G1/2" EN 837, G1/2" open pressure port, G1/4" DIN 3852, G1/4" EN837 in combination with housing in CuNi10Fe1Mn (not with field housing)].

Response Time (ms)

< 10

Seals

FKM

Physical Attributes

Diaphragm Material

Ceramics Al2O3 96 %

Resources

Product catalogue (Flipbook)

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