

Product No: 59A250012G10H001K2000

BD SENSORS DMK458 PRESSURE T/M FOR MARINE AND OFFSHORE DMK458 PRESSURE T/M FOR MARINE 59A250012G10H001K2000

FEATURES

- High overpressure resistance.
- Excellent long term stability.
- LR, DNV, ABS & CCS certified.

General Information

Brand	BD SENSORS
Product Series	DMK 458
Product Type	Ceramic Sensor
Version	Standard

Technical Attributes

Accuracy	0.25 % FSO
Application	Monitoring of pressure during loading and unloading processes. Monitoring of a ship's position and draught. Use in anti-heeling systems (Water and sea water). Level measurement in ballast and storage tanks.
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)	0.25
Mechanical Connection	G1/2" DIN 3852 open pressure port
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: -25 ... 85 °C
Storage: -40 ... 100 °C

Pressure Port

Copper-nickel-alloy (CuNi10Fe1Mn) [CuNi10Fe1Mn only in combination with G 1/2" open pressure port (code H00); not possible with field housing (code 880)].

Response Time (ms)

Mean response time: ≤ 200
Max. response time: 380

Seals

FKM

Physical Attributes**Diaphragm Material**

Ceramics Al₂O₃ 96 %

Resources

Product catalogue (Flipbook)

[Download from here](#)