

Product No: 59A100112TR1F32182000

BD SENSORS DMK458 PRESSURE T/M FOR MARINE AND OFFSHORE DMK458 PRESSURE T/M FOR MARINE 59A100112TR1F32182000

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 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)	1.0
Mechanical Connection	Flange DN 2" / 150 lbs (ANSI B 16.5) [DN80/PN16 possible for nominal pressure ranges pN ≤ 16 bar; 2"/150 lbs and 3"/150 lbs possible for nominal pressure ranges pN ≤ 10 bar]
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

Stainless steel 1.4404 (316L).

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](#)