

## Product No: 768D0491121142010000

### BD SENSORS LMK458 LEVEL SENSR. 0.8

1.4BAR,S.STEEL,CERAMIC 4 20MA/2WIRE,FKM, 0.25% ACCU.

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#### FEATURES

- Diameter 39.5 mm.
- High overpressure resistance.
- High long-term stability.
- LR, DNV, ABS & CCS certified.



#### General Information

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

#### Technical Attributes

Accuracy	0.25 % FSO
Application	Drinking water abstraction. Desalinization plant. Shipbuilding / Offshore ballast tanks. Monitoring of a ship's position and draught. Level measurement in ballast and storage tanks.
Electrical Connection	TPE-U-cable (blue, Ø 7.4 mm) [Shielded cable with integrated ventilation tube for atmospheric reference]
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 Stability	4 g (according to DNV: class B, curve 2 / basis: DIN EN 60068-2-6)
Output Signal	4 ... 20 mA / 2-wire
Permissible Temperatures	Medium / Electronics / Environment: -25 ... 125 °C, Storage: -40 ... 125 °C

Response Time (ms)

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

Seals

FKM

### Physical Attributes

Design

Probe

Diaphragm Material

Ceramics Al<sub>2</sub>O<sub>3</sub> 96 %

Housing Material

Stainless steel 1.4404 (316L)

### Dimensions

Cable Length (m)

10

### Resources

Product catalogue (Flipbook)

[Download from here](#)