

## Product No: 768D049K12E342008000

**BD SENSORS LMK458 PROBE EPDM 0.8 1.4BAR IS 4 20MA TPE-U  
8M CN-ALLOY CERAMIC 96% 0.25%ACCU  
768D049K12E342008000**

### 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	Intrinsic safety 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	EPDM

### Physical Attributes

Design	Probe
Diaphragm Material	Ceramics Al2O3 96 %
Housing Material	Copper-nickel-alloy (CuNi10Fe1Mn)

### Dimensions

Cable Length (m)	8
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### Resources

Product catalogue (Flipbook)	<a href="#">Download from here</a>
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