

## Product No: 59BD29012TR3F20182000(3M)

### BD SENSORS DMK458 PRESSURE BAR 4 20MA TPE-U VENT TUBE DN25/PN40 FKM 59BD29012TR3F20182000(3M)

#### 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	Cable outlet with TPE-U-cable (with ventilation tube) [Shielded TPE-U-cable with ventilation tube available in different lengths]
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...1.8
Mechanical Connection	Flange DN 25 / PN 40 (DIN 2501)
Mechanical Stability	4 g (according to DNV: Class B, curve 2 / basis: IEC 60068-2-6)
Operational Life	100 million load cycles.

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

Dimensions	
Cable Length (m)	3

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