

LEONI SeaLine® Cryocables

for the installation in tanks



Advantages at a glance

- Single wire cables for installation in LNG-tanks
- Suitable for connecting fixed and sporadically moving parts
- Excellent fire safety characteristics and resistance to low temperatures
- Available in a range from 0.5 mm² up to 50 mm²

The worldwide requirements for the reduction of dangerous emissions from ship engines guides in a first step to engines with fluid fuels like liquid natural gas (LNG) or hydrogen. LEONI has developed a wide range of single wire cables for the installation in tanks.

LEONI SeaLine® Cryocables are suitable for connecting fixed and sporadically moving parts inside and outside of marine LNG and other low temperature applications inside zone 0.

These cables have excellent fire safety characteristics and resistance to low temperatures, which allows them to be used in an extremely wide range of applications.

| Technical data | |
|--------------------------|--|
| Conductor | Nickel or silver plated fine stranded copper wires acc. to VDE 0295/IEC 60228, class 5 |
| Core | Expanded polytetrafluorethylen (ePTFE) foil polyimide foil |
| Jacket | Polytetrafluorethylen (PTFE) |
| Characteristics | Flame retardant: EN/IEC 60332-1-2 Extended cold bending test: VG 95218-28 Resistance to sea water: VG 95218-29 Chemical resistance: ISO 14752 |
| Type designation | FpBB 0.5 ...50 mm ² TAE00003VV |
| Available cross sections | 0.5 / 1 / 1.5 / 2.5 / 4 / 6 / 10 / 16 / 25 / 35 / 50 mm ² |
| Approval | DNV |

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