



SEACON Electrical Heating System (EHS)

ADVANCED TECHNOLOGY

- Removal of possible hydrocarbons subsea by heating
- Custom configurations for specific customer requirements
- Qualified for 3,000m water depth

DEEP WATER CAPABILITY

- Design life: Up to 30 years
- Dual barrier testable sealing system
- Factory Acceptance Testing (FAT) prior to delivery
- Can be delivered as a standalone system

TE Connectivity (TE)'s SEACON EHS is an electrical system comprising of an electrical resistance, cables and a connector designed to heat a valve block and remove any hydrate plugs that may have formed inside, preventing the valve from operating.

GENERAL SPECIFICATIONS

- **Design Life:** Up to 30 Years
- **Operational Depth (Max):** 3,000m
- **Operational Temperature:** 0°C to +70°C
- **Storage Temperature:** -18°C to +70°C
- **Shell Material:** Stainless Steel, 316L, UNS S31603
- **Seal Material:** HNBR 90, NORSOK M710
- **Various connector interfaces available upon request**

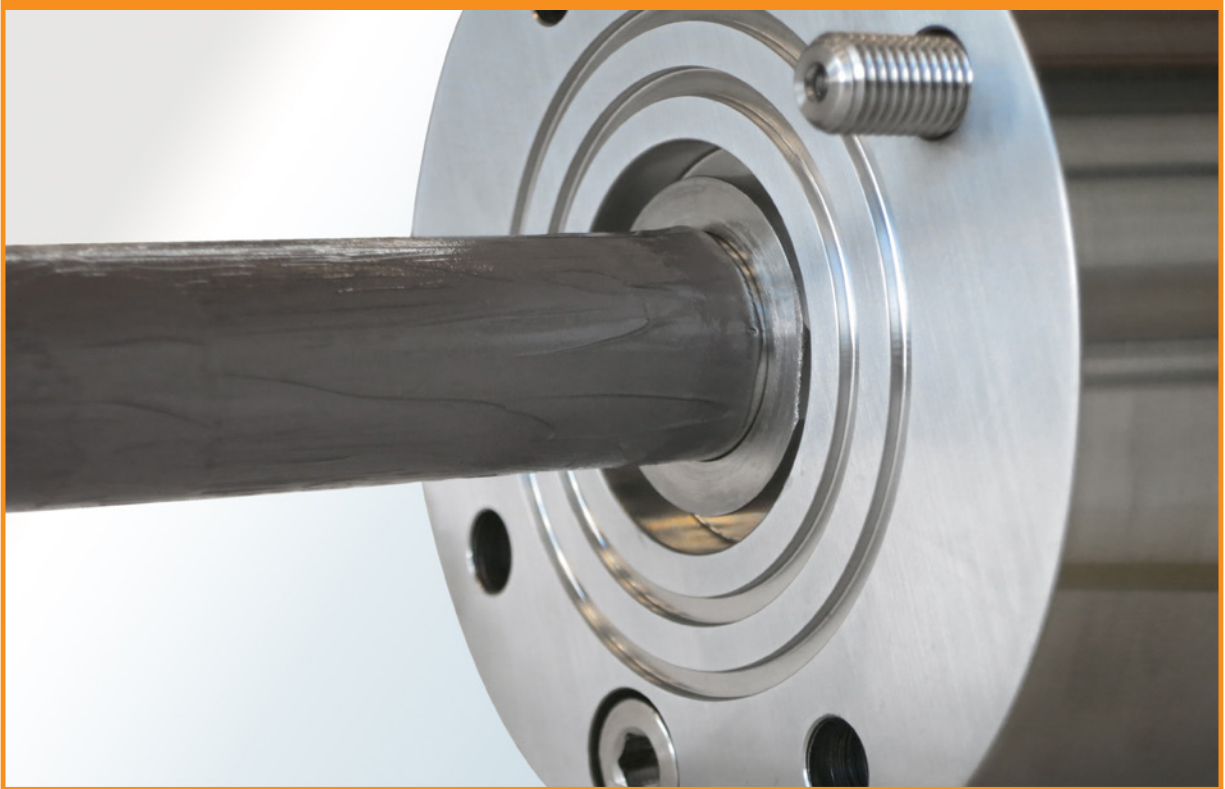
SEACON Electrical Heating System

QUALIFICATION & VERIFICATION TESTING

- **Qualification Hyperbaric pressure testing to 330 bar**
- **Helium Leak Rate** <0,05 bar/2 hours.
- **Qualification Temperature Rise Tested** in accordance with ISO 13628-6.
- **Engineering verification tested to full capacity for 24 hours.**

ELECTRICAL PERFORMANCE

- **Maximum power:** 6 kW
- **Maximum voltage:** 650 VDC
- **Glass to metal electrical penetration**



seaconworldwide.com

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Consult TE for the latest dimensions and design specifications.

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