IKM
Testing AS

DATALOGGER - SUBSEA

Dimensions

Length(mm).....................................: 1500	Width(mm)............: 1500	Height(mm)...........: 1250

Weight (kg)......................................: 1200
Lifting/ Transportation.....................: Frame with forklift channels and wire lifting devices
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Area of use / certification

Onshore/offshore............................: Offshore

Type

Description......................................: Subsea Acoustic Data Logger - Dual redundant syste

Content

Content...: DATA LOGGING SYSTEM:
- Subsea housing manufactured from 316 stainless steel with dual O ring seals and rated to 3,000 metres.
- DataTaker DT80 data logger with a storage capacity of 128MB.
- 2 x pressure transducers with a range of 0-600 bar, accuracy +/- 0.1%.
- 2 x temperature sensors with a range of 0-40 degrees C, accuracy +/- 0.2%.

ACOUSTIC LINK SUBSEA:
- Benthos ATM-887 LF (9-14 kHz) omnidirectional transducer.
- Communication range : 2000 – 3000 metres
- Rechargeable power pack providing 300 watt-hours.
- Battery charger power supply : 220-250 VAC 50/60 Hz.

ACOUSTIC LINK TOPSIDE
- Benthos universal deck box UDB-9000 containing touch screen display to send/receive commands to the acoustic link subsea.
- RS-232 ports for direct connection to PC or laptop.
- Rechargeable power pack with option to connect to AC/DC power : 85-265 VAC 47-63 Hz / 12-30 VDC.
- Benthos C-270 LF (9-14 kHz) omnidirectional transducer.
- 200m transducer cable.

Flow / Pressure / Volume

P-max (bar).....................................: 600

Power supply

Battery..: Rechargeable power pack providing 30 days of data capture.
Battery charger power supply : 220-250 VAC 50/60 Hz

Additional information

Equipment / Functions....................: