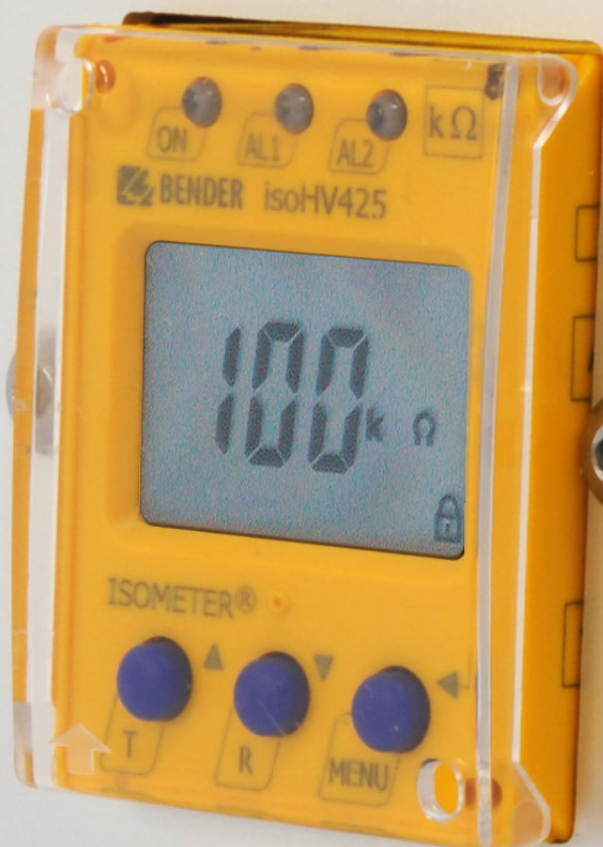
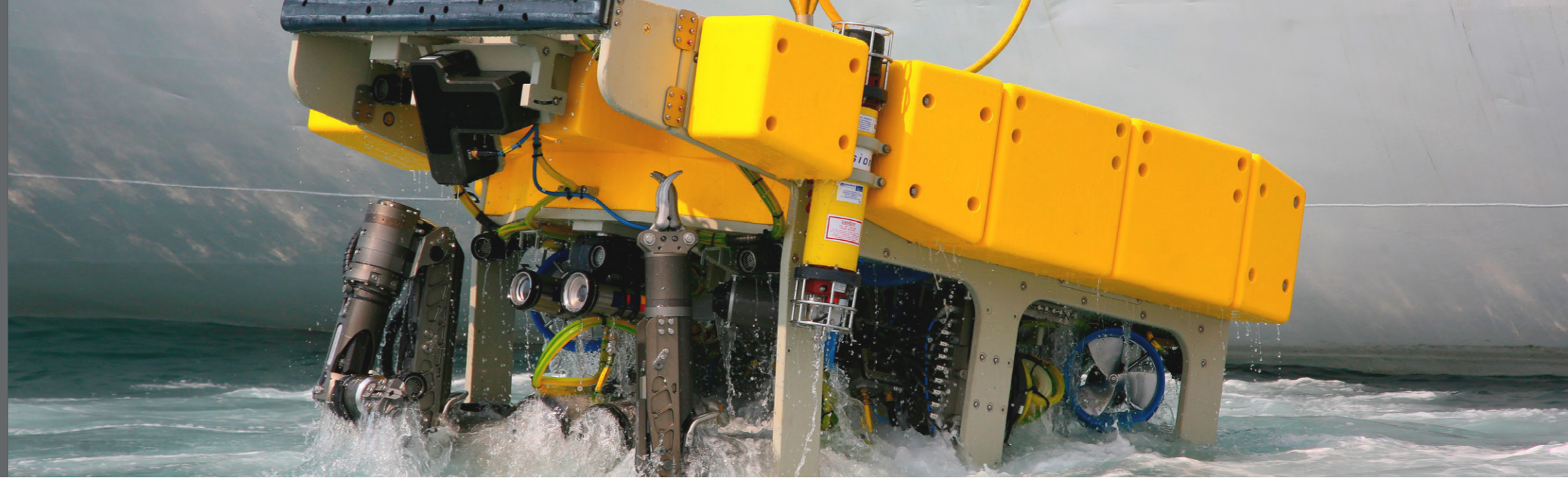
 **BENDER**
ISOMETER® ISO1065



ISOMETER® iso1065
IRDH1065 replacement

Continuous monitoring and detection for early warning of subsea cable failure



Degradation due to electrical faults is a primary cause of cable failure in harsh subsea environments. Faults in cables and umbilicals often go undetected, are time consuming to identify and can lead to costly downtime. The new replacement ISOMETER® iso1065 line insulation monitor (LIM) detects low insulation resistance levels and forewarns operators of cable degradation to ensure preventative maintenance.

The device is a direct replacement for the IRDH1065 LIM so no additional equipment is required enabling a straightforward retrofit process.

It employs proven Bender technology to detect insulation resistance levels and forewarn operators of cable degradation.

Applications

- Oil, gas and subsea umbilical and cable monitoring and control systems
- Distribution systems
- AC and DC main circuits up to 1000 V
- Power systems including switched-mode power supplies
- Electric Power Units (EPUs)

Simple, straightforward retrofit LIM solutions



Reduce costly subsea investigation and repair, minimise downtime

Features

- Monitoring insulation resistance in unearthed AC, AC/DC and DC systems (IT systems)
- Continuous and remote monitoring of cable degradation
- Customised pre-set threshold values
- Two variants of the iso1065 with serial or analogue output
- Measurement of the mains voltage with undervoltage and overvoltage
- Automatic adaptation to the system leakage capacitance
- Automatic device self-test with connection monitoring
- Measured value indication via LC display
- Password protection to prevent unauthorised parameter changes

Benefits

- Proven technology designed for retrofit systems
- Direct form fit and function
- Monitors and detects insulation resistance levels
- Forewarns of developing cable degradation
- Modern communication protocols for analysis
- Adaptive measuring pulse technology for accurate readings
- Trusted technical support available



The iso1065 is available in two variants:

- iso1065: Line insulation monitor with serial output
- iso1065-M: Line insulation monitor with analogue output incorporating an isoHV425-D4M-4 with AGH422



@benderukltd



@Bender_UK



Bender UK Ltd



Bender GmbH & Co. KG



bender_uk



BENDER
The Power in Electrical Safety®

Low Mill Business Park, Ulverston, Cumbria, LA12 9EE
Tel: 44(0)1229 480123 Tel ROI: +353 1 5060611
internalsales@bender-uk.com
www.bender-uk.com