

## PROBE DEPTH LOGGER



**SKU:** SEN-0024-0108

**Categories:** [Advanced Monitoring](#), [Depth Loggers](#), [Downhole Instrumentation](#), [Kuster®](#)

## PRODUCT DESCRIPTION

The Probe Depth Logger records and displays depth, line speed and tension to identify potential downhole problems if thresholds are triggered. It is designed to comply with essential health and safety requirements of Annex II ATEX directive 2014/34/EU and the standard EN 60079-15:2010 as Zone 2 rated equipment for use in hazardous areas. The enclosure is rated to IP66.

### Ratings & Dimensions

**Temperature Range**

**Operating:** 14 to 122°F (-10 to +50°C )

**Width x Hight x Depth**

**Non-Operating:** -4 to 158°F (-20 to +70°C )

**Weight**

3.94 x 6.30 x 3.15 in (100.0 x 160.0 x 80.0 mm)

**Materials**

1.1 lb (0.5 kg)

Die-cast Aluminum

### Hardware Specifications

**Display**

4 line LCD digital display of real-time, depth, pull (tension) and line speed.

**Connectors**

Charger, encoder, pressure transducer, USB device.

**Switches**

2 off

**Inputs**

1 off 4-20 mA for tension sensor from the measuring head.

1 off quadrature IP for optical encoder for depth signal from measuring head.

**Cable & Drum**

263 ft (50 m) of cable on drum for connection from encoder to adapter box.

### Measurements

**Sample Rate**

1 sec

**Memory**

512Mb for storing and backing up real time depth, line pull (tension) and line speed.

**Transducers**

Hohner I.S. encoder (100 PPR), 7 way connector, Zone 2 label / C.O.C.

**Pressure Transducer** Intrinsically safe, 4-20mA, 0.15% accuracy, **Standard ranges:** 1000 to 30000 psi,  
c/w 10 mtrs of cable

## Electrical Specifications

**Power** Internal lithium battery for 24 hours of continuous logging.  
(Optional lead acid battery pack for minimum 50 hours of continuous logging.)

Version Control: 2021.12.14

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***On-line specifications are for REFERENCE ONLY and subject to change without notice. DO NOT USE FOR FIELD OPERATIONS.***