

CYGNUS Flooded Member Unit Specification

CYGNUS Flooded Member Detection System



CYGNUS Flooded Member Unit Specification

CYGNUSS Flooded Member Detection System

Display Features

Item	Value
Probe	0.5 MHz high power piezo composite probe – single element
Measuring Range	200 – 2000 mm member diameter
Resolution	1 mm

Power

Item	Value
Diver Communications PSU	110–240 AC 50/60 Hz @ 1A (max)
ROV Power Supply	12 to 24 volt D.C @ 60mA

Communications

Item	Value
Digital	RS232 & RS485
Baud Rate	115,200
Data Capture	On demand 3 shot and varying gain levels
Diver Data Link	RS485 half – duplex
ROV Data Link	RS232 full – duplex suitable for fibre multiplexers

CYGNUS Flooded Member Unit Specification

CYGNUS Flooded Member Detection System

Physical Specifications

Item	Value
Acetal Electronics Body	0.9 kg (95 mm (diameter) × 115 mm (height))
Stainless Steel Electronics Body	4 kg (95 mm (diameter) × 115 mm (height))
Acetal Probe Handler	2.5 kg (140 × 170 × 130 mm)
Stainless Steel Probe Handler	4.7 kg (140 × 170 × 130 mm)
120 m Umbilical Cable	23 kg (340 × 450 × 555 mm)
350 m Umbilical Cable	87 kg (450 × 600 × 930 mm)
50 m Deck Cable	13 kg (290 × 380 × 490 mm)
Depth Rating	300 msw
Operation Temperature	0°C to +75°C
Storage Temperature	-40°C to 55°C