WL-21016
LOCATOR-D1

DESCRIPTION
The Locator-D1 is a digital hydro acoustic locator device including a depth sensor. The depth data is available through the D1 interface, and makes it well suited for retrofitted and stand-alone applications.

The electrical interface complies with the Water Linked D1 communication standard. The Locator performs a chain of advanced digital signal processing operations before transmitting an acoustic wave.

BENEFITS
- Extremely small footprint enabling easy integration in other equipment.
- No requirements to integrate depth and power from external systems.
- Highly robust operation in areas with reflections (shallow water, around installations etc.)

CONTENTS
- Locator-D1 with customer specified cable length
- Optional connector

FAMILY
The Locator-D1 is part of the Water Linked Underwater GPS System.

WL-20118 MASTER-D1
The Master D1 is the digital position computing board. The Locator-D1 connects to the Master-D1 using a cable. The Master-D1 connects to your PC. The Master-D1 is a requirement in a positioning system.

WL-21005 RECEIVER-D1
The Receiver-D1 is a digital hydro acoustic receiver that is designed to receive the signal from a Water Linked Locator. A minimum of 3 Receiver-D1s are required to get the position of a Locator-D1.
MECHANICAL

Depth rating : 300 m
Device length : 81.4 mm
Device diameter : 30 mm
Device weight in air : 50 g
Operating temperature : -10 to 60 °C

ELECTRICAL

Input voltage : 10-18 V
Input current : 130 mA

ACOUSTIC

Range : 100 meter
Directivity : Omnidirectional

CONNECTORS

Max cable length : 100 m
Signaling : 3x twisted pairs
Cable type : PUR 6.3 mm
Cable connector : Binder Series-770 (IP67) or none

APPROVALS

RoHS compliant
CE

BLOCK DIAGRAM

DIMENSIONS

ORDERING GUIDE