LOOP
VERSATILE SUBSEA DATA HUB

IK TRAX

Loop is a compact, self-contained, subsea unit which logs and displays readings from up to 12 external sensors. An extended housing version enables longer battery life as well as the capability to utilise a Luma Optical Modem for data download.

Key Benefits

- Enables ROV, vessel or diver to perform associated tasks in parallel resulting in accelerated completion of work, potential cost savings and project flexibility.

- Can be interfaced with a LUMA 250LP Optical Modem for subsea data download

- Unit and interface components can be mounted in an easy to deploy cradle.

- Compact, self-contained unit with minimal connections and cabling resulting in easy installation and reduced risk to the operation.

- Inputs for external subsea digital pressure and tempearuture sensors capable of logging with time and date.

- Inputs for external subsea flow meter sensors.

- Additional measurements available upon request

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PRODUCT SPECIFICATION

Battery Type	31.5V Alkaline Pack
Battery Life at +5°C	40+ days (100+ days when Low Power is enabled)
Operating Temperature Range	-5°C to +65°C (+23°F to +149°F)
Operating Depth	3000m (9842ft)
Pressure/Temperature Input	RS485 MODBUS interface to Keller subsea PA33 type sensors
Flow Meter Input	Pulse type interface with programmable K Factor (up to 2)
Pressure Sensor Accuracy	Accuracy and resolution dependent on pressure sensor
Temperature Sensor Accuracy	+/- 2°C Resolution +/- 0.1°C

MATERIALS & DIMENSIONS

Housing Material	Alloy Bronze CA 104 EN 12163
Window Material	Acrylic
Length	275mm (10.8")
Extended Housing Length	338.5mm (13.3")
Height	160mm (6.3")
Width (Including Burton Blanking Plug)	235mm (9.3")
Weight in Air (Including Delrin Mount)	14.1kg (31lbs)
Weight in Water (Including Delrin Mount)	9.1kg (20lbs)

OPTIONS

Data Interface Connection	Burton 5507-1508 connector
Data Communication	RS485
Subsea Data Download	LUMA 250LP Optical Modem
Logging	Various Regimes Available

Interested in hearing more about
this, or other applications?
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