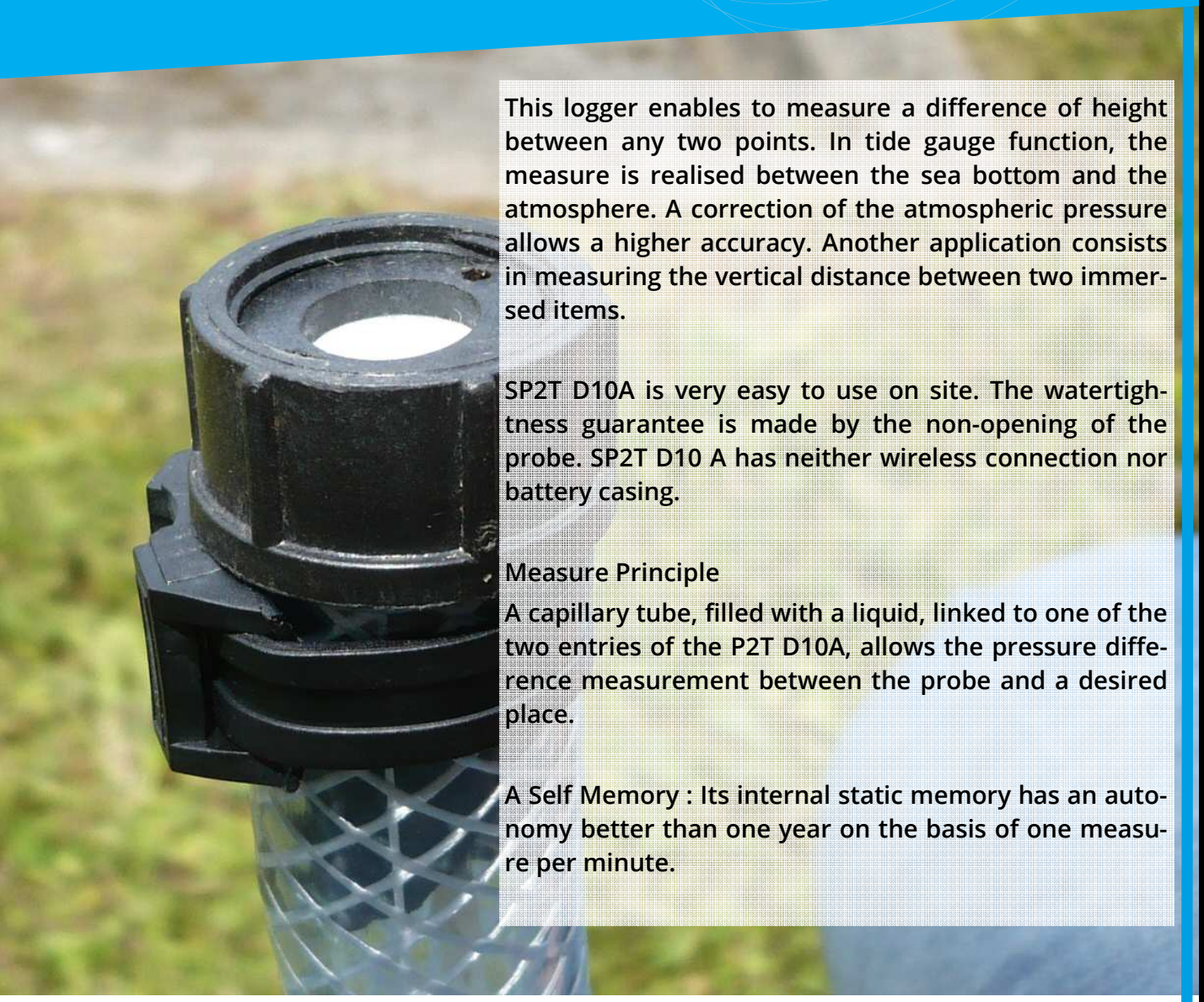
SP2T D10A

Differential Pressure Probe
Very Accurate Measurement

Data loggers



This logger enables to measure a difference of height between any two points. In tide gauge function, the measure is realised between the sea bottom and the atmosphere. A correction of the atmospheric pressure allows a higher accuracy. Another application consists in measuring the vertical distance between two immersed items.

SP2T D10A is very easy to use on site. The watertightness guarantee is made by the non-opening of the probe. SP2T D10 A has neither wireless connection nor battery casing.

Measure Principle

A capillary tube, filled with a liquid, linked to one of the two entries of the P2T D10A, allows the pressure difference measurement between the probe and a desired place.

A Self Memory : Its internal static memory has an autonomy better than one year on the basis of one measure per minute.

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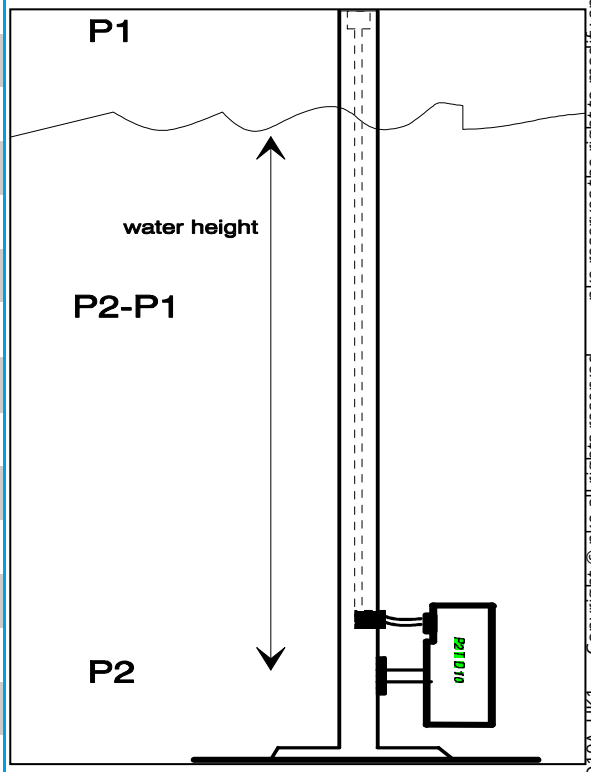
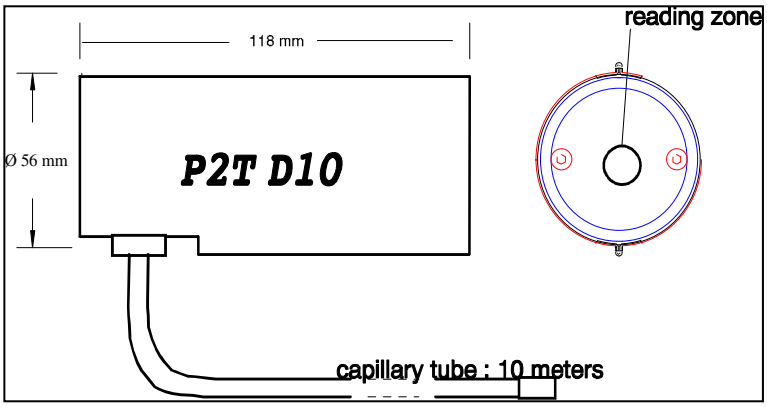
Data loggers

SP2T D10A

TECHNICAL CHARACTERISTICS SP2T D10A — Order Code 60-07-009	
INTERNAL MEMORY	30 Ko with compression programing
LITHIUM ENERGY	3 years
Pressure differential	10 m of water (1 bar)
Maximum amplitude measured	10 meters
Maximum depth utilization	1200 meters
Measure accuracy	5 cm for measure range of 10 m
Resolution	4mm
Drift in temperature	< 0,4cm /°c
Tube pressure error	< 0,2cm / bar
Hour and date	Internal clock with calendar
Date accuracy	60 seconds / month
Using temperature	-10°C to 50°C
Interface	RS232 inductive link
Housing	Plastic
Length	124 mm
Diameter	60 mm
Weight in air	0.8 kg
Weight in water	0.3 kg
Cylinder dimensions	65 mm
TUBE : Standard length	10 meters ∅ 3mm
TEMPERATURE OPTION	-5 to +45°C
Standard accuracy	+/-0.1°C





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Sales Department
Tel : **+33 (0)2 97 36 41 31** - Fax : +33 (0)2 97 36 55 17
info.instrumentation@nke.fr
www.nke-instrumentation.com