



# **Technology Sheet**

## TD-Diver

### **Technical Specifications**

Length 110 mm

Diameter 22 mm

Weight 104 g

Memory 72,000 measurements with backup;

continuous and fixed length memory

Wetted parts

housing stainless steel (316L)

o-rings Viton®

pressure sensor piezo resistive ceramic (Al $_2$ O $_3$ ) with thermal compensation

cap Nylon PA6 30% glass fiber

nose cone ABS

Battery life up to 10 years (dependent on usage)

Sample interval ½ second to 99 hours

Sample method fixed interval

Communication RS232

#### Pressure

Part number	DI 801	DI 802	DI 805	DI 810	
Range	10	20	50	100	mH₂O
Accuracy <sup>+</sup>	± 0.5	± 1.0	± 2.5	± 5.0	$cmH_2O$
Resolution	0.06	0.09	0.19	0.36	cmH₂O

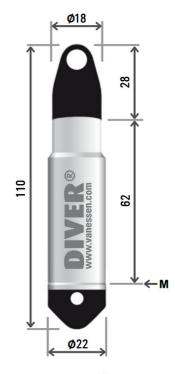
#### Temperature

Range  $-20 \text{ to } 80 \,^{\circ}\text{C}$ Calibrated  $0 \text{ to } 50 \,^{\circ}\text{C}$ Accuracy $^{\dagger}$   $\pm 0.1 \,^{\circ}\text{C}$ Resolution  $0.01 \,^{\circ}\text{C}$ 

<sup>+</sup> typical



Actual size



M = membrane Dimensions in mm