



# Technology Sheet

## TD-Diver – DI8xx

### 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 <sub>2</sub> O <sub>3</sub> ) 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



Actual size

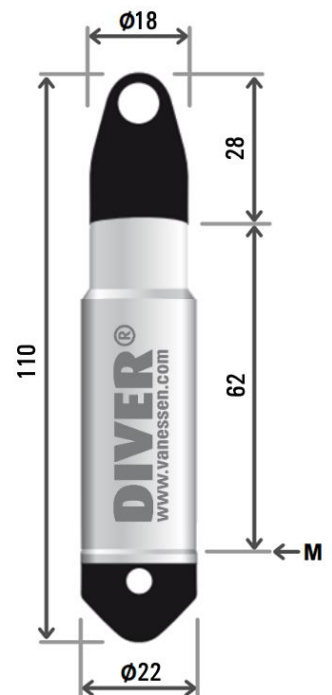
### Pressure

Part number	DI 801	DI 802	DI 805	DI 810	
Range	10	20	50	100	mH <sub>2</sub> O
Accuracy <sup>+</sup>	± 0.5	± 1.0	± 2.5	± 5.0	cmH <sub>2</sub> O
Resolution	0.06	0.09	0.19	0.36	cmH <sub>2</sub> O

### Temperature

Range	-20 to 80 °C
Calibrated	0 to 50 °C
Accuracy <sup>+</sup>	± 0.1 °C
Resolution	0.01 °C

<sup>+</sup> typical



M = membrane  
Dimensions in mm