



# Technology Sheet

## TD-Diver

### Technical Specifications

Length	4.33 in
Diameter	0.87 in
Weight	3.67 oz
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
Communication	RS232

### Pressure

Part number	DI 801	DI 802	DI 805	DI 810	
Range	33	66	164	328	ftH <sub>2</sub> O
Accuracy*	± 0.2	± 0.4	± 1.0	± 2.0	inH <sub>2</sub> O
Resolution	0.02	0.04	0.07	0.14	inH <sub>2</sub> O

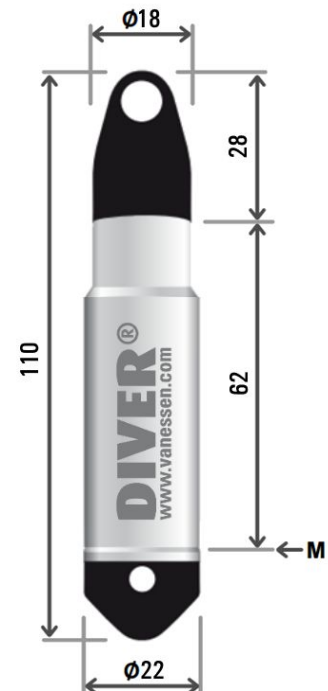
### Temperature

Range	-4 to 176 °F
Calibrated	32 to 122 °F
Accuracy*	± 0.18 °F
Resolution	0.01 °C / 0.018 °F

\*typical



Actual size



M = membrane  
Dimensions in mm