



# Technology Sheet

## Mini-Diver – DI5xx

### Technical Specifications

Length	3.46 inch
Diameter	0.87 inch
Weight	1.9 ounce
Memory	24,000 measurements
Wetted parts	
housing	stainless steel (316L)
o-rings	Viton®
pressure sensor	piezoresistive ceramic (Al <sub>2</sub> O <sub>3</sub> )
cap / nose cone	Nylon PA6 30% glass fiber
Battery life	10 years with 1 minute or greater sample interval within the calibrated temperature range
Sample interval	½ second to 99 hours
Sample methods	fixed

### Pressure

Part number	DI 501	DI 502	DI 505	DI 510	
Range	33	66	164	328	ftH <sub>2</sub> O
Accuracy <sup>+</sup>	± 0.2	± 0.4	± 1.0	± 2.0	inH <sub>2</sub> O
Resolution	0.08	0.16	0.40	0.79	inH <sub>2</sub> O

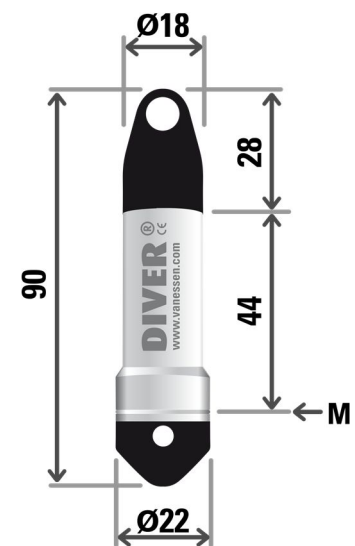
### Temperature

Range	-4 to 176 °F
Calibrated	32 to 122 °F
Accuracy <sup>+</sup>	± 0.18 °F
Resolution	0.018 °F

<sup>+</sup> typical



Actual size



M = membrane  
Dimensions in mm