



# Technology Sheet

## Cera-Diver – DI7xx

### Technical Specifications

Length	90 mm
Diameter	22 mm
Weight	50 g
Memory	48,000 measurements
Wetted parts	
housing	ceramic (ZrO <sub>2</sub> )
o-rings	Viton <sup>®</sup>
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, event dependent, averaging, and pumping test



Actual size

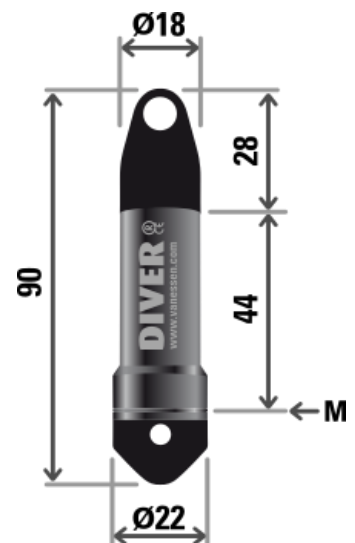
### Pressure

Part number	DI 701	DI 702	DI 705	DI 710	
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	0.2	0.4	1.0	2.0	icmH <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