



# Technology Sheet

## Mini-Diver – DI5xx

### Technical Specifications

|                 |   |
|-----------------|---|
| Length          | 90 mm   |
| Diameter        | 22 mm   |
| Weight          | 55 g  |
| 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                 | 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 |

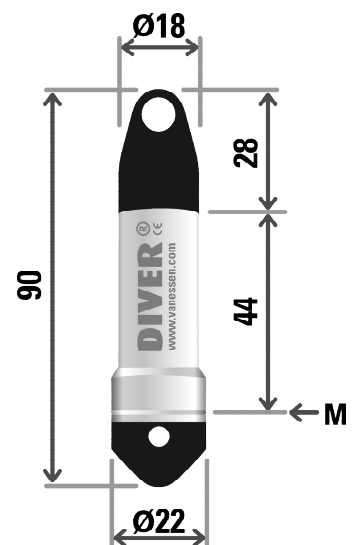
### Temperature

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

<sup>+</sup> typical



Actual size



M = membrane  
Dimensions in mm