



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 ₂) |
| o-rings | Viton [®] |
| pressure sensor | piezoresistive ceramic (Al ₂ O ₃) |
| 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

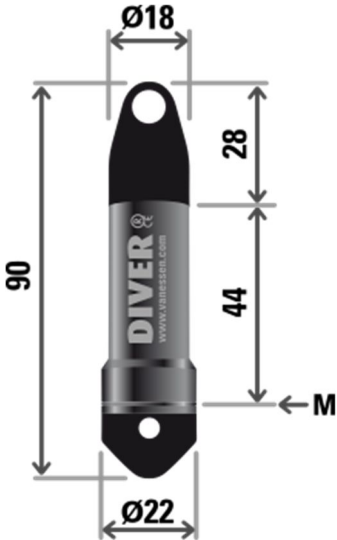
Pressure

| Part number | DI 701 | DI 702 | DI 705 | DI 710 | |
|-----------------------|--------|--------|--------|--------|---------------------|
| Range | 10 | 20 | 50 | 100 | mH ₂ O |
| Accuracy ⁺ | ± 0.5 | ± 1.0 | ± 2.5 | ± 5.0 | cmH ₂ O |
| Resolution | 0.2 | 0.4 | 1.0 | 2.0 | icmH ₂ O |

Temperature

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

⁺ typical



M = membrane
Dimensions in mm