

The new Cera-Diver has been specifically developed for semi-saline water projects and seawater-intrusion projects and for the monitoring of landfill sites, locations where the use of stainless steel as material for the pressure sensor and casing is inappropriate in view of the threat of corrosion. This robust and durable datalogger is equipped with a ceramic casing and pressure sensor, and has an accuracy of  $\pm 0.05\%$  FS. Its internal memory of 48,000 measurements is sufficient to enable it to perform one measurement every ten minutes for a whole year.

## CeraDiver® Technical specifications

### General:

Dimensions	Ø22 mm x 90 mm
Memory	48.000 measurements (non-volatile)
Sample rate *	0.5 sec to 99 hours
Housing material	ceramic (ZrO <sub>2</sub> )
Pressure sensor material	ceramic (Al <sub>2</sub> O <sub>3</sub> )
Temperature range	-20°C to 80°C
- accuracy	$\pm 0,1^\circ\text{C}$
- resolution	0,01°C
- gecompenseerd bereik	0°C tot 40°C
Battery life	10 years (depending on use)
Weight	55 grams



Type	DI 701	DI 702	DI 705	DI 710
Range	10 mH <sub>2</sub> O	20 mH <sub>2</sub> O	50 mH <sub>2</sub> O	100 mH <sub>2</sub> O
- accuracy**	0.5 cmH <sub>2</sub> O	1 cmH <sub>2</sub> O	2.5 cmH <sub>2</sub> O	5 cmH <sub>2</sub> O
- resolution	0,2 cmH <sub>2</sub> O	0,4 cmH <sub>2</sub> O	1 cmH <sub>2</sub> O	2 cmH <sub>2</sub> O

\* various measuring methods available (fixed, event based, and pumping tests)

\*\* typical, within temperature compensated range (0°C to 40°C)

We reserve the right to amend or change these specifications without notice