

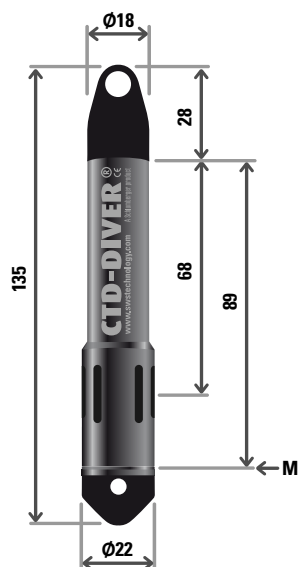


## Specifications

### CTD-Diver®



Scale 1:1



M = membrane  
Dimensions are expressed in mm.

#### DI 271 - 10 meter water column

Pressure range	10 mH <sub>2</sub> O
accuracy	±0.5 cmH <sub>2</sub> O
resolution	0.2 cmH <sub>2</sub> O

#### DI 272 - 50 meter water column

Pressure range	50 mH <sub>2</sub> O
accuracy	±2.5 cmH <sub>2</sub> O
resolution	1.0 cmH <sub>2</sub> O

#### DI 273 - 100 meter water column

Pressure range	100 mH <sub>2</sub> O
accuracy	±5.0 cmH <sub>2</sub> O
resolution	2.0 cmH <sub>2</sub> O

#### Conductivity

range	0 mS/cm to 30 or 120 mS/cm (user adjustable)
accuracy	±1 % of reading
resolution	0.1 % of reading

#### Temperature

range	-20 °C to 80 °C
compensated range	0 °C to 50 °C
accuracy	±0.1 °C
resolution	0.01 °C

#### Wetted materials

housing	Ceramic (ZrO <sub>2</sub> )
O-ring	Viton®
pressure sensor	Ceramic (Al <sub>2</sub> O <sub>3</sub> )
cap/nose cone	Nylon PA6 30% glass fibre
conductivity sensor housing	Ceramic (ZrO <sub>2</sub> )
conductivity sensor	Platinum electrodes on ceramic (Al <sub>2</sub> O <sub>3</sub> ) carrier

#### Other

operating elevation range	-300 to 5,000 m MSL
memory	3 x 48,00 measurements
battery life	10 years with 3 minutes or greater sample interval within the compensated temperature range
weight	95 grams
sample interval	1 second to 99 hour
sample methods	fixed, event based, average and pumping test

Other specifications according to the Diver manual.