



Technology Sheet

CTD-Diver – DI27x

Technical Specifications

Length	5.3 inch
Diameter	0.87 inch
Weight	3.4 ounce
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
conductivity sensor	platinum electrodes on ceramic (Al ₂ O ₃) carrier
Battery life	10 years with 3 minutes or greater sample interval within the calibrated temperature range
Sample interval	1 second to 99 hours
Sample methods	fixed, event dependent, averaging, and pumping test

Pressure

Part number	DI 271	DI 272	DI 273	
Range	33	164	328	ftH ₂ O
Accuracy*	± 0.2	± 1.0	± 2.0	inH ₂ O
Resolution	0.08	0.40	0.79	inH ₂ O

Temperature

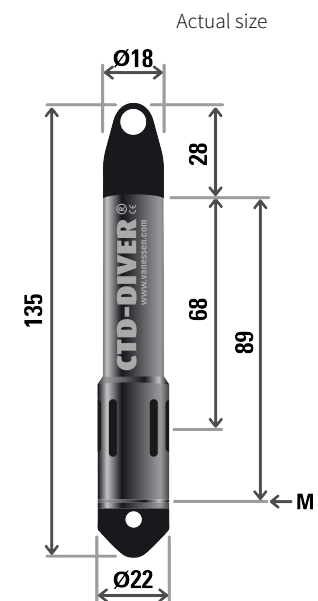
Range	-4 to 176 °F
Calibrated	32 to 122 °F
Accuracy*	± 0.18 °F
Resolution	0.018 °F

* typical

Conductivity

Range	0 to 30 or 120 mS/cm [†]
Accuracy*	± 1% of reading
Resolution	0.1 % of reading

[†] user adjustable



M = membrane
Dimensions in mm