



Technology Sheet

CTD-Diver – DI28x

Technical Specifications

Length	5.3 inch
Diameter	0.87 inch
Weight	3.4 ounce
Memory	144,000 measurements with backup; continuous and fixed length memory
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
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



Actual size

Pressure

Part number	DI 281	DI 282	DI 283	DI 284	
Range	33	164	328	656	ftH ₂ O
Accuracy [†]	± 0.2	± 1.0	± 2.0	± 3.9	inH ₂ O
Resolution	0.08	0.40	0.79	1.57	inH ₂ O

Temperature

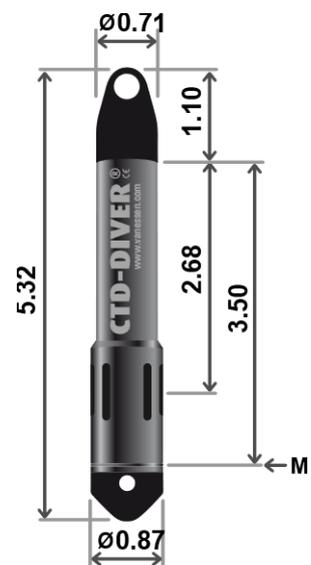
Range	-4 to 176 °F
Calibrated	32 to 122 °F
Accuracy [†]	± 0.18 °F
Resolution	0.018 °F

Conductivity

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

[†] typical

[†]user adjustable



M = membrane
Dimensions in inches