



Technology Sheet

CTD-Diver – DI28x

Technical Specifications

Length	135 mm
Diameter	22 mm
Weight	80 g
Memory	144,000 measurements with backup; continuous and fixed length memory
Wetted parts	
housing	ceramic (zirconia ZrO ₂)
o-rings	Viton®
pressure sensor	piezoresistive ceramic (Al ₂ O ₃)
cap	Nylon PA6 glass fiber reinforced (30%)
nose cone	ABS
conductivity sensor	platinum electrodes in polyphenylene sulfide (PPS) body
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	10	50	100	200	mH ₂ O
Accuracy*	± 0.5	± 2.5	± 5.0	± 10.0	cmH ₂ O
Resolution	0.2	1.0	2.0	4.0	cmH ₂ O

Temperature

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

* typical

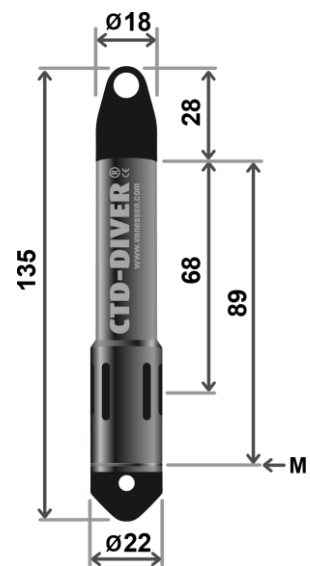
Conductivity

0 to 30 or 120 mS/cm[†]

± 1% of reading

1 or 4 µS/cm

[†]user adjustable



M = membrane
Dimensions in mm