

General Specifications	
Part Number	TT-DO-1000
Description	Submersible Dissolved Oxygen Sensor
Measure Range	0-4 ppm up to 0-40 ppm (Lowest Limit 0.1ppm)
Operating Temperature	0 - 50°C
Installation Style	Submersible to 50 meters (165 feet) or Inline Flow
Temperature Element	Pt 10000
Body Type	POM (Polyoxymethylene)
Dimensions	58mm Length, Maximum Diameter 58mm without NPT submersion assembly
Cable Length	3m
Temperature Compensation	Pt1000
Waterproofing	Immersible, Submersible if threaded on sealed immersion rod with sufficient sealing tape
Connection	Hard Wired Tinned Leads for Sensor & TC
Special Features	Acid/Fluoride, Slurry and Sulphide Resistant, Solution ground
DO Sensor Specifications	
Measurement Principle	Galvanic cell, self polarizing (a.k.a. active type) and self temperature compensating (without TC element)
Range & Output	Nominal 0.25-2.50 mV per % Saturation ("-T" thick type membrane)
Initial Impedance	< 1 K Ohms @ 25°C
Flow Requirements – Water	Minimum flow dependent on DO and temperature, typically 1 cm/sec, suitable for most submersible use
Application Specifications	
Recommended Applications	
Analyser / Interface	Compatible with Turtle Tough DO analyser
Storage	
Warranty	12 Month Conditional Warranty. Please see www.turtletough.com.au/warranty-and-returns/