



Datasheet

Pacific O Probe
Product no. D40C4



Intended use

The OxyGuard Pacific DO Probe, 4th Generation, is a robust, high-precision dissolved oxygen probe designed for use with OxyGuard monitoring systems such as Pacific and Marlin. For wiring and installation details, refer to the user manual of the relevant OxyGuard system.

The probe's sensor is based on galvanic technology, providing fast response, excellent stability and long-term reliability, even in demanding aquaculture environments. Each probe is designed for easy on-site maintenance and is individually serialized for traceability. Temperature readings are unaffected by cable resistance, ensuring accurate and stable oxygen measurements.

NOTE: If the anode is removed for cleaning, the sealing gasket must be replaced to maintain full waterproof protection (a spare gasket is included with the accessories).

Technical specifications

Probe type	Galvanic cell
Measurement range and output	Standard: 0-400 %sat or 0-40 mg/L (at 20° C) High: 0-800 %sat or 0-80 mg/L (at 20° C) Super high: 0-1600 %sat or 0-160 mg/L (at 20° C)
Accuracy	Better than ±1 % of the measured value (depending on calibration), Thermistor ±0.2°C
Response time	90 % of end value within 1 minute (typical)
Flow requirement	Minimum flow approx. 1 cm/s (depends on oxygen concentration and temperature)
Operating conditions	0 - 40 °C, submersible to 50 m depth
Dimensions	Diameter 58 mm, length 159 mm
Weight	Approx. 0.2 kg without cable, 0.5 kg with 7 m cable
Cable length	7 m standard (other lengths on request)
Temperature measurement	Integrated; readings unaffected by cable resistance
Automatic compensation	Self-polarizing and fully temperature-compensated design. Includes barometric pressure compensation when used with OxyGuard systems
Maintenance	Easy on-site servicing. Replace the sealing gasket if the anode is removed for cleaning (spare included)
Compatibility	For use with OxyGuard Pacific and Marlin systems

Order information / part numbers

Pacific DO probe – Standard range: 0-400 %sat or 0-40 mg/L (at 20° C)	Item no: D40C4
Pacific DO probe – High range: 0-800 %sat or 0-80 mg/L (at 20° C)	Item no: D40C4H
Pacific DO probe – Super high range: 0-1600 %sat or 0-160 mg/L (at 20° C)	Item no: D40C4SH
Pacific DO probe w/ 1/8 thread	Item no: D40C4M18
Pacific DO probe w/ OxyGuard Flange	Item no: D40C4F
Type 3 anode for type 3 probe	Item no: D10AN3
Screw with gasket for anode for Pacific DO probe	Item no: D10ANSCR
Membrane set for Pacific DO / 10 membranes & 10 O-rings	Item no: D10MPC
Cleaning pad (brown colour)	Item no: D10PAD
Sandpaper (blue colour)	Item no: D10SANDP
Electrolyte type 3, 50 ml	Item no: D10E30050
Electrolyte type 3, 250 ml	Item no: D10E3250
Electrolyte type 3, 500 ml	Item no: D10E3500
Electrolyte type 3, 1000 ml	Item no: D10E31L

Data subject to change without notice; Pacific DO Probe, no. D40C4 datasheet GB 2025 11

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