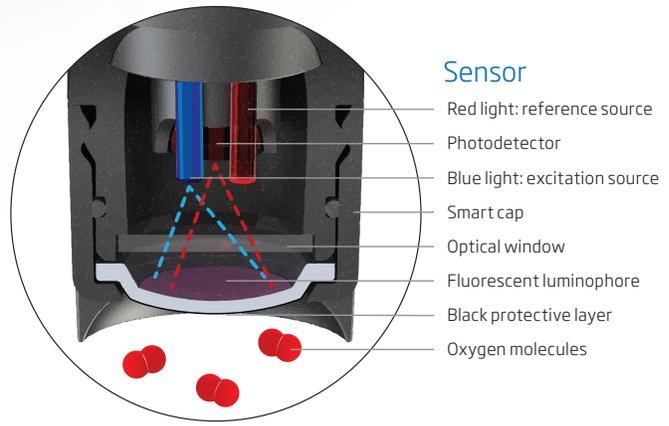


Rugged Optical Dissolved Oxygen Probe for Fresh and Saltwater Applications

- Digital, weighted probe
- No membranes
- No electrolytes
- No oxygen consumption
- No flow dependence or minimum flow rate
- Fast and stable readings
- Not affected by sunlight
- Factory calibrated "Smart Cap"
- Smart Caps last one year
- Minimal maintenance



HI764113 optical DO probe
The IP68 rated waterproof ABS probe contains circuit, photodetector, and excitation and reference LEDs.



Specifications	HI764113
Probe body material	ABS
Smart Cap™ material	Polypropylene
Cable jacket material	PVC
Cable length	4 m (13.1 ft.), 10 m (32.8 ft.), and 20 m (65.6 ft.) options
Probe guard	316 Stainless Steel
Temperature Measurement	Thermistor
Pressure	20 m (29 PSI)
Probe Dimensions (with Guard)	174 X 25 mm (6.8 X 1")
Response Time (t95)	45 seconds
Probe Weight (with Guard)	400 g (14.2 oz); 4 m (13.1 ft.) cable length
Probe Ingress Protection Rating	IP68
Sensor type	Optical; Luminescence Quenching

Smart Cap

RFID tag



Smart Cap with RFID communication stores factory calibration coefficients.



The domed surface helps repel surface bubbles and provides increased luminophore surface area for better measurement sensitivity.