



RDO[®] CORE

Optical Dissolved Oxygen Monitoring

RDO BLUE IS AN OPTICAL DISSOLVED OXYGEN SENSOR IDEAL FOR BOTH HANDHELD USE AND LONG-TERM DEPLOYMENT.

Get the accuracy and reliability of optical Rugged Dissolved Oxygen technology in the configuration that best meets your needs. Suitable for fresh water or saltwater applications, RDO Blue sensors are low maintenance and low cost, to support a wide variety of water quality monitoring applications.

RDO BLUE HANDHELD CONFIGURATION

RDO Blue can be used for instant results during spot-checks and site assessments.

In the handheld configuration, an RDO Blue is connected to a Wireless TROLL Com and paired with the VuSitu app. This solution is part of our versatile Shared Ecosystem used across In-Situ's full portfolio of sensors.

Use the handheld configuration to easily collect readings, send data, perform calibrations, and manage the instrument through an intuitive interface. You will need:

- An RDO Blue instrument with a Twist-Lock termination
- A Wireless TROLL Com
- An Android or iOS smartphone or tablet running the VuSitu mobile app



Mobile device not included.

RDO BLUE - TWIST-LOCK TERMINATION

INSTRUMENT ONLY
3M CABLE #0103200 10M CABLE #0038640

BUNDLED WITH WIRELESS TROLL COM
3M CABLE #0103210 10M CABLE #0103190

RDO BLUE DEPLOYED CONFIGURATION

The RDO Blue sensor is ready for connection with transmitters, controllers, dataloggers or telemetry, so you can affordably install RDO Blue in multiple locations for comprehensive insight on DO conditions.

The fixed-installation configuration includes an RDO Blue instrument with stripped-and-tinned wires termination.



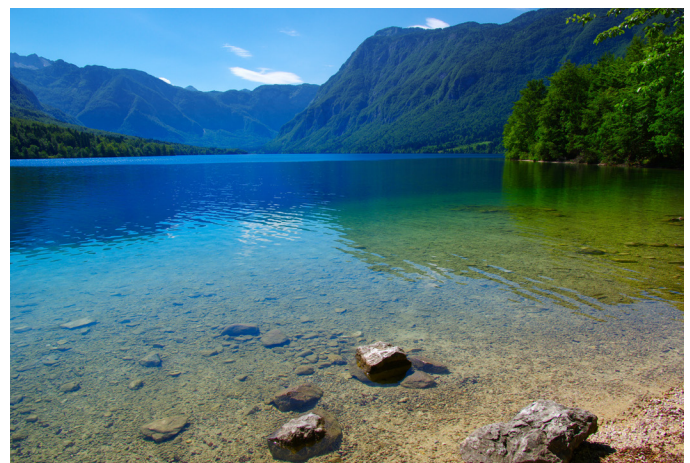
RDO BLUE - STRIPPED AND TINNED

10M CABLE #0038620 30M CABLE #0038630

TELEMETRY READY

Connect an RDO Blue with Twist-Lock termination to VuLink cellular telemetry to create a simple and complete solution with power, logging and telemetry for your critical DO data.

When VuLink sends data to our HydroVu data services platform, you get a comprehensive view of your monitoring sites and alarm capability for notification of critical site conditions.



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PATENTED RDO TECHNOLOGY INCLUDES:

Smart Sensor Cap - Calibration coefficients are stored in a replaceable cap, so you never have to think about them.

Abrasion Resistance - A unique, three-layer system extends the life of the sensing foil and expands the range of compatible conditions.

Patented RDO Technology - EPA-approved optical Rugged Dissolved Oxygen method makes the sensors easy to use.



Smart Addressing - An easy-to-configure Modbus interface simplifies integration into your system.

Enhanced Reliability - Ryton construction with complete internal potting creates a solid core, for superior strength and chemical resistance.

RDO BLUE ACCESSORIES



0101540 RDO Calibration Kit for performing optional 1-point or 2-point user calibrations



0103010 Antifouling Guard will copper coil to limit biological growth around the sensor tip



0103000 Air-Blast Guard for active clearing of the sensor tip with air or water blast



0102940 Weighted Guard to provide additional weight for use in areas with high flow or vigorous mixing



0102930 Standard Guard Replacement Kit to replace a lost or damaged Ryton Guard (included with all new RDO Blue instruments)



0088720 RDO-X Sensor Cap Replacement Kit with recommended reading life of 2 years (included with all new RDO Blue instruments)



0077700 RDO Fast Sensor Cap Replacement Kit with recommended reading life of 1 year

FOR PRODUCT SPECIFICATIONS,
VISIT IN-SITU.COM/RDO-BLUE



CALL OR CLICK

1-800-446-7488 (toll-free in U.S.A. and Canada)

1-970-498-1500 (U.S.A. and international)

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April 2021

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