

## Description

The dissolved oxygen (DO) SmartSync® is a sensor-mount transmitter for DO sensors (both optical and amperometric). The transmitter's output is Modbus RTU. The transmitter can be configured by means of a wireless Bluetooth interface with the iQuickView® app.

## Purchase Information

Part Number	T100-2
Description	DO Transmitter, Modbus RTU Output

## Classification

Model Type	T100
Product Type	Transmitter

## Specifications

### Measurement

Type	Dissolved Oxygen (DO)
Principle	Optical and Amperometric Sensor Input
Range	0–300% SAT
Drift	Not applicable

### Operational Range

Temperature	0–55 °C [32–131 °F]
Pressure	Not applicable
Flow Rate	Not applicable

### Signal

Input	SensorTalk® (UART) (for Optical DO sensors) Nanoamps (for Amperometric DO Sensors)
Output	Modbus RTU

### Sterilization

Autoclavable	Not applicable
Steam Sterilizable	Not applicable
Gamma Sterilizable	Not applicable

### Connectors and Cables

Connector A (Input)	VP8 Variopin, 8-pin Threaded Plug
Connector B (Output)	M12-5
Cable Length	Not applicable

### Process Interface

Insertion Method	Not applicable
Insertion Length	Not applicable

## Wetted Materials

Not applicable



T100-2 DO SmartSync®



## Packaging and Regulations

### Packaging Information

Package Type .....	Cardboard box
Package Dimensions .....	20.32 cm x 10.16 cm x 5.72 cm [8 in x 4 in x 2.25 in]
Package Weight .....	< 0.5 kg [1 lb]
Double Bagged .....	No
Cleanroom Bagged .....	No
Cleanroom Class.....	Not applicable
Storage Conditions.....	Temperature: 5°–50° C [41°–122° F]
Included Accessories .....	Not applicable
Quality Certificate .....	Included
Shelf Life .....	Not applicable
Shelf Life Post Gamma Sterilization .....	Not applicable

### Origination and Tariff Code

Harmonized Tariff Trade Code.....	9027803100
Country of Origin .....	USA
MFR Location .....	California, USA

### Purchasing Information

Unit of Sale.....	Each
Minimum Purchase Quantity .....	Each

### Regulatory and Compliance

CE Compliant .....	Yes
RoHS Compliant .....	Yes
REACH Compliant .....	Yes
CFR 21-11 Compliant .....	Not applicable
BSE/TSE/ADI Compliant.....	Not applicable
USP Class VI Compliant .....	Not applicable
FDA Material Compliant.....	Not applicable

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