

Description

The pCO₂ SmartSync[®] is a sensor-mount transmitter for pCO₂ sensors. 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	T100-4
Short Description	pCO ₂ Transmitter, Modbus RTU Output

Classification

Model Type	T100
Product Type	Transmitter

Specifications

Measurement

Type	pCO ₂ (Partial Pressure of Dissolved CO ₂)
Principle	Potentiometric, Severinghaus
Range	0.5–100% SAT
Drift	Not applicable

Operational Range

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

Signal

Input	Millivolts
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



T100-4 pCO₂ 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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