

DATASHEET · PORTABLE ANALYZERS

Fluorescence Dissolved Oxygen Sensor.

SKU CS-LH-ELC010 Spec v1 Rev. 2026-07-10

DATASHEET · P
CS-LH-EL
Rev 2026



PRODUCT FAMILY
ANIMAL MODEL
APPLICATION
COUNTRY OF ORIGIN
MFG. STANDARD
LOT TRACEABLE **No**
VERIFIED **Spec v1 · 2026-07-10**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

MEASURING RANGE	0-20.00mg/L or 0-200%saturation level	RESPONSE TIME	3-5min
TEMPERATURE SENSOR	DS18B20Digital temperature electrode	WORKING TEMPERATURE	5~40â
WORKING PRESSURE	<5 bar	DIGITAL INTERFACE	MODBUS/RS485
ANALOG INTERFACE	4-20mA(optional)	CALIBRATION	One or Two calibration points
IP GRADE	IP68	CABLE LENGTH	8 meters
FLUORESCENT CAP SHELF LIFE	One year	AUTOMATION LEVEL	semi-automated
BRAND	ConductScience	ACCURACY	Â±0.3mg/L or Â±5%
POWER/VOLTAGE	12VDCÂ±20%	DIMENSIONS	34x222
MATERIAL	The main body is stainless steel 316, and the sensitive film is organic silica gel.	RESEARCH DOMAIN	Analytical Chemistry, Environme Monitoring, Food Science, Mater Science, Microbiology, Pharmac QC
DIMENSIONS LxWxH (MM)	20.0 x 10.0 x 5.0	WEIGHT (KG)	0.26
AVAILABILITY	In stock		

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONF

QTY	ITEM	SKU
1	Fluorescence Dissolved Oxygen Sensor	CS-LH-ELC010

Scope.

INFO@CONDUCTSCIENCE.COM

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM
Fluorescence Dissolved Oxygen Sensor

MATERIALS REFERENCE

0 MATERIAL

CODE	DESCRIPTION	PROPERTIES	USED IN
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Cross-reference.

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OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COMI

OPERATING

TEMPERATURE

HUMIDITY

PRESSURE

STORAGE

TEMPERATURE

HUMIDITY

ORIENTATION

STERILIZATION & CLEANING

AUTOCLAVE

GAMMA

AVOID █

ETO

WIPE █

ANIMAL COMPATIBILITY

BY SPECIES

NOTES

USE & S

SPECIES	BODY WEIGHT	CHAMBER FIT
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Specifications verified against current published product data. Verified 2026-07-10 · Since 2026-07-10.

Cite: ConductScience CS-LH-ELC010, Spec v1, 2026-07-10. conductscience.com/lab/fluorescence-dissolved-oxygen-sensor

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