



E006: Temperature monitoring devices



Product name:	LIBERO CS
IMD-PQS Code:	E006-023
Status:	Prequalified
Date of acceptance:	07 Nov 2013
Appliance type:	E006
Product description:	User programmable temperature data logger CS
Manufacturer:	ELPRO-BUCHS AG
Manufacturers Reference:	LIBERO CS
Country of Manufacture:	Switzerland
Address:	Langaulistrasse 45 9470 Buchs Suisse Switzerland
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Email:	andrea.bischof@elpro.com
Website address:	http://www.elpro.com/
Valid until:	31 May 2026

Specifications

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Maximum logging intervals (mins)	60.00	Maximum recording time (days)	366.00
Sensor type(s)	NTC	Maximum sensor lead length (metres)	0.00
Maximum number of sensor channels	1.00	External dimensions height (mm)	11.00
External dimensions length (mm)	96.00	External dimensions width (mm)	37.00
Activation mechanism	Start / stop button	Material	ABS
Fixing mechanism	None	CE marking	Yes
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	70.00

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.30	Power source	Non-replaceable battery
Battery type	CR Lithium	Battery shelf life (year)	min 1 year (no activation)
Activated battery life	1 year	Alarm type	Visual
Memory capacity (readings)	24200.00	Programmability	User Programed
User interface	USB for computer	Display medium	LCD
Recording medium	Electronic	Ingress protection rating IP	IP 54

Comments	Accessories: * freeware - liberoCONFIG - Configuration Software* - LIBERO SmartStart - Quick Configuration Tool* - liberoMANAGER - Online Cold Chain Database - elproVIEWER - Analysis Software* - elproASSISTANT - Task Manager The LIBERO CS PDF Logger is a single use data logger with multiple alarm levels that automatically generates an evaluation report in PDF format upon connection to a USB port. No equipment and no software required to read out logger. Release products based on the OK or ALARM status on the display, retrieve the PDF report and forward it to the sender for further analysis or archive it locally. Key features: - up to 8 temperature alarm levels with single or cumulative delays; Alarm on Mean Kinetic Temperature (MKT); Alarm on duration / logging time; Customizable text area for additional information (e.g. shipment information, instructions for recipient, etc.); Chart visualizing the temperature curve and alarm limits
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PRICE AND SHIPPING

Shipping volume (m3)	0.003	Weight per Package (Kg)	0.0380
Units per package	40.00	Weight per Unit (Kg)	1.6700

Minimum order	40.00	Incoterms	EXW
Price 1	40+ = 31.06 USD; 120+ = 30.02 USD	Price 2	600+ = 28.44 USD
Price 3	1000+ = on request to manufacturer	Year of base price	2023
QUALITY STANDARD			
Quality Standard	ISO 17025;Other	Quality standard (Other)	ISO 9001:2015
Specification Reference	Applicable PQS specification: E006/TR05.1 Applicable PQS VP(s): E006/TR05-vp.1		
VERIFICATION			
Verification Laboratory	METAS	Address	Lindenweg 50 CH-3003 Bern-WabernSwitzerland
Email	anton.steiner@metas.ch	Verification Report Reference	SAS SCS 122
PRODUCT SITES			
Organization name	ELPRO-BUCHS AG		
Address	Langaulistrasse 45 9470 Buchs Suisse Switzerland		
Current PQS status:	Prequalified	Valid until:	31 May 2026

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.