



E006: Temperature monitoring devices



Product name:	SmartMonitor SITE L
IMD-PQS Code:	E006-087
Status:	Prequalified
Date of acceptance:	29 Jan 2023
Appliance type:	E006
Product description:	Remote Temperature Monitoring Device
Manufacturer:	Berlinger & Co. AG
Manufacturers Reference:	SmartMonitor SITE L
Country of Manufacture:	Sri Lanka
Address:	Mitteldorfstrasse 2, Ganterschwil Sankt Gallen Switzerland
Telephone:	+41 (71) 982 88 11
Email:	info@berlinger.com
Website address:	http://www.berlinger.com
Valid until:	31 May 2026

Specifications

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	5.00
Maximum logging intervals (mins)	240.00	Maximum recording time (days)	7.00
Sensor type(s)	electronic	Maximum sensor lead length (metres)	2.00
Maximum number of sensor channels	4.00	External dimensions height (mm)	20.00
External dimensions length (mm)	72.00	External dimensions width (mm)	125.00
Activation mechanism	Display & cloud interface	Material	plastic housing
Fixing mechanism	Adhesive	CE marking	Yes
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	75.00

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Mains+Battery
Battery type	Ni-MH battery pack	Battery shelf life (year)	0
Activated battery life	7 days	Alarm type	Aucostic
Memory capacity (readings)	1000.00	Programmability	User Programed
User interface	USB & cloud	Display medium	Liquid Crystal
Recording medium	Non-volatile EEPROM memory	Ingress protection rating IP	IP65

Comments	Remote temperature monitoring of refrigerators and freezers. As part of the SmartSystem, the SmartMonitor SITE L provides real- time monitoring of temperature alarms and doors left open through visual and acoustic alarms on the device for immediate action. Simultaneously, the monitoring status is shown in the central dashboard platform SmartView, which displays all measurement data, trends and alarms. SmartView is web-based and can be used without installing additional software. Multiple users can have access. Alarm notifications are sent to users' cell phones or emails. In addition, users can receive warnings when the temperature is on the trajectory towards a breach. This powerful warning enables corrective action before an alarm occurs. The temperature ranges from -200°C to +75°C is covered, with up to 24 individually programmable alarm rules for temperature and humidity. The open-door detection provides an additional check to avoid temperature excursions. SmartSystem includes: SmartView dashboard software, SmartMonitor SITE L, global mobile network coverage (cellular). The communication technologies included are Cellular LTE Cat M1 (4G/5G), NB-IoT, 2G; WiFi; GNSS. Easy integration of data between SmartView and other systems via an API. Accessories: - SmartCradle for secure mounting of the SmartMonitor SITE L - SmartSensor extension cable for efficient and reliable installation (1m). More information: https://www.berlinger.com/temperature-monitoring/services/smartsystem-user-support Accuracy: +/- 0.5°C in the range of [-10°C, +45°C] Memory size: 1000 data points		
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PRICE AND SHIPPING

Shipping volume (m3)	0.023	Weight per Package (Kg)	0.1800
Units per package	10.00	Weight per Unit (Kg)	2.0000
Minimum order	10.00	Incoterms	FCA
Price 1	USD 325	Year of base price	2023

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2015
Specification Reference	Applicable PQS specification: Applicable PQS VP(s):		

PRODUCT SITES

Organization name	Berlinger & Co. AG
Address	Mitteldorfstrasse 2, Ganterschwil Sankt Gallen Switzerland

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>31 May 2026</i>
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Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.