



E006: **Temperature monitoring devices**

PQS code: **E006/019**

Description: Remote Temperature Monitoring Device

Manufacturer's ref: SmartLine

Manufactured in: Netherlands

Company: Berlinger & Co. AG

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CH-9608 Ganterschwil,
Switzerland

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Email: info@berlinger.com,

Web address: <http://www.berlinger.com>

Specifications

Product type:	Remote Temperature Monitoring Device	Display medium:	computer online
Mode of operation:	Electronic	Weight	
Minimum temperature:	-40°C	Main material:	Metals and ABS
Maximum temperature:	+85°C	Dimensions:	

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy:	±0.5°C	Min logging interval:	10 sec
Power source:	Non-replaceable battery	Alarm type:	Visual
Battery type:	Lithium	User interface:	web based system
Battery shelf life:	36 months from manufacture date	Programmability:	User programmed
Activated life:	36 months from manufacture date	IP rating:	67/65
Memory capacity:	8,192 data points per sensor		

Comments:

SmartLine is a set of wireless data loggers that provide fully automated data collection of temperature conditions, eliminating manual activities and significantly improving process efficiency. SmartLine is made up of 3 key components: SmartPoint devices communicate with a wireless mesh network consisting of a SmartGate and SmartRouters that extend the range of the communication.

Smartline is a wireless temperature monitoring network for cold rooms or facility temperature monitoring -an easy to install wireless network of sensors provides wireless communication for continuous temperature monitoring. This network communicates with battery operated wireless temperature sensors that will be placed in storage facilities. These sensors contain a temperature and/or humidity sensor, and also function as wireless data loggers. The measured data is uploaded to and analyzed by a secured central database. In case of a temperature excursion or a door left open in your cold room or facility, a flashing light turns on as well as automated e-mail and/or SMS alert are going to be send out to user configurable addresses.

SmartView web application: a flexible web-based software platform that collects the data from multiple Smartline locations into an integrated real-time view. The software platform creates a dashboard view with real-time visibility, alerts, history reports, and several analysis options. It is accessible in your web browser (login and password). The alarm is visual and audible

Minimum order:	1	Year base price:	2022
Quality standard:	- ISO 9001:2015 -	Pieces per carton:	
Price per unit:	Hardware USD 2'212 for a small Walk In Cold Room	Volume per carton:	
		Weight per carton:	
		Incoterms:	EXW
Verification report:		Verification laboratory:	METAS
Current PQS status:	<i>pre-qualified ; 24 Jan 2013</i>	Valid until:	<i>May, 2023</i>

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