

## Data logger mod. 82D32

### for temperature 2 channels with external probe - working range from -100 ... + 40 ° C

These data loggers are small, lightweight and virtually maintenance-free data collection and recording tools.

Temperature data logger with IP54 degree of protection with 2 channels with 1 internal sensor and 1 external probe in steel with a tip  $\varnothing$  4mm L = 80mm with 1m of cable and multifunction display for displaying: current value and minimum, maximum and average value of the temperature of the internal sensor and of the external probe, time elapsed by the logger outside the set thresholds, indication of low battery, type of logger start-up and end of measurements. Marking of an event on the logger with a magnetic key. Start memorization via software and magnetic key. Ability to store 32,000 measurements. Interval 5 sec... 24 hours. Persistent light indication Led Red for exceeding a set threshold temperature and Green Led of active logger. Internal battery (2 years autonomy) replaceable. Accredia certifiable with minimum extended uncertainty of the certificates minimum measurement of 0.46 ° C. Pointed steel external probe (various configurations)  
Memory: 32000 measurements  
Working range: -100 ... + 40 ° C  
Accuracy:  $\pm$  0.3 ° C



2-channel data logger with 1 internal sensor and 1 external probe in steel with tip  $\varnothing$  4mm L = 80mm with 1m of cable ACCREDIA certifiable.

Minimum expanded uncertainty of 0.06 ° C (PT1000)

**Important** : the data logger requires the INT + WIN interface to be used.

#### Accessories:

B4700223 - INT + WIN USB - USB interface (required for data download to PC)

B4700213 - KEY - magnetic key (optional)

B4700293 - ALARM - Adapter for sending an alarm signal (via a contact)

### Technical data

Performance	
Temperature accuracy	$\pm$ 0.3 ° C
Recording and transmission interval (internal memory)	from 5 sec to 10 days
Measuring range Temperature (max value)	+ 70 ° C (I); + 40 ° C (E)
Measuring range Temperature (min value)	- 40 ° C (I); -100 ° C (E)
Resolution	0.1 ° C
Working temperature (max. Value)	+ 70 ° C
Working temperature (min. Value)	- 40 ° C
Response time	T90 of 12 min (I) and 5 min (E) in air

#### Features

Compliance	ISO9001: 2015, CE, RoHS, EN12830
IP protection degree	IP54
Communication interfaces	USB
Cable length	1 m
Memory	16,032 records with each sensor
Sensor	PT1000 (Internal and External dxL = 4x80 mm)

#### Power supplies

Battery powered	3.6V ½AA Lithium battery
Battery life	from 1 to 2 years

#### Dimensions and weight

Dimensions (LxWxH)	76 mm diameter; Height 18 mm
Weight	68 g

Code	Description
<b>B4700533</b>	Data logger mod. 82D32 for temperature 2 channels with external probe - working range from -100 ... + 40 ° C