



POL-EKO
Perfect Environment

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POL-EKO A. Polok-Kowalska sp.k.
44-300 Wodzisław Śląski
ul. Kokoszycka 172 C

Data sheet

Data logger RT 2014 1T



The photo above is for reference only, may show additional options not included in standard equipment. The real appearance, particularly color and structure of the material may differ from the ones presented in the photo.

Standard equipment

- GSM antenna
- micro SD card with SD adapter
- USB power cable with adapter
- Avia software - to be downloaded from [www](http://www.pol-eko.com.pl)
- selected temperature/humidity sensor



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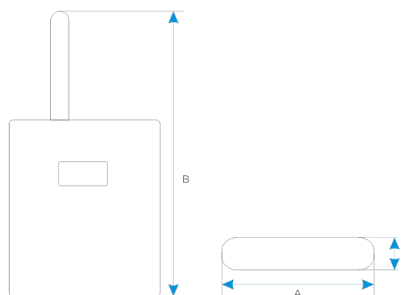
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TECHNICAL DATA

controller	microprocessor
display	OLED 128x64 px
housing	aluminium

overall dims [mm]

width A	72
height B	85
depth C	20
weight [kg]	0,165



BASIC PARAMETERS

run time (battery)	40 h
GSM frequency band [MHz]	2G 850/900/1800/1900
number of telephone numbers for sending SMS notifications	5
temperature measurement	external Pt 100
temperature measurement range (according to sensor) [°C]	-110 ... +400 (depending on sensor type)
temperature measurement resolution (-40...+200°C) [°C]	0,1
temperature measurement accuracy (-40...+200°C) [°C]	+/- 0,5
humidity measurement	external RH_STD / RH_PREM
humidity measurement range [%]	RH_STD: 0...80 RH_PREM: 0...100
humidity measurement resolution [%]	1
humidity measurement accuracy [%]	RH_STD: 1,8 RH_PREM: 0,8
sensor cable length [m]	2,5
data recording interval [min]	1/5/15/30/60
internal memory	1 mln
additional (external) memory	microSD 4 GB card
port	micro USB

ELECTRICAL PARAMETERS

voltage**	5 VDC
warranty	24 months
manufacturer	POL-EKO

OPTIONS AND ACCESSORIES



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Order number: PT 100 S

Standard temperature sensor



Order number: PT 100 L

Temperature sensor for low temperatures



Order number: PT 100 H

Temperature sensor for high temperatures



Order number: RT 2014 RH STD

Standard humidity and temperature sensor



Order number: RT 2014 RH PREM

Premium humidity and temperature sensor



Order number: RT 2014 FIT

Holder

Order number: RT 2014 IN

Binary input

Order number: RT 2014 OUT

Binary output