

Data sheet

Data logger RT 2014_1T



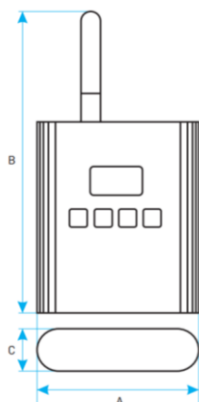
The photo above is for reference only, may show additional options not included in standard equipment. The real appearance, particularly color and structure of the material may differ from the ones presented in the photo.

Standard equipment:

- single channel model dedicated for temperature or humidity measurements
- SIM and micro SD 4 GB input
- micro USB port
- OLED display
- Communication GSM
- measurements temperature/humidity
- software

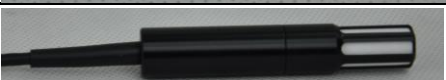
TECHNICAL DATA	
temperature measurement	external Pt 100
temperature measurement range (according to sensor) [°C]	-110...+400
temperature measurement range (according to sensor) [°F]	-166...+752
resolution of temperature measurement (-40...+200°C) [°C]	0,1
accuracy of temperature measurement (-40...+200°C) [°C]	+/- 0,5
humidity measurement	external RH_STD/RH_PREM
humidity measurement range [%]	RH_STD: 0-80, RH_PREM: 0-100
resolution / accuracy of humidity measurement [%]	1% / RH_STD: 1,8, RH_PREM: 0,1
length of sensors cables [m]	2,5
real time clock	yes
data record interval [min]	1/5/15/30/60
internal memory	1 mln data measurements
additional (external) memory	microSD 4 GB card

interface	micro USB
power supply	5 VDC via USB port
display	OLED 128x64 px
overall dims (mm)	
width A	72
height B	85
depth C	20



weight [g]	165
battery operating time	Up to 40 hours
GSM frequency	850/900/1800/1900
quantity of phone numbers for SMS notification	5
warranty	24 months
manufacturer	POL-EKO-APARATURA

ACCESSORIES

Model	Photo	Description	Measuring range	Cable lenght
PT 100 H		temperature sensor for RT 2014 data logger for high temperatures (recommended for CL, SL)	temp.: 0...+400°C	2,5 m
PT 100 S		standard temperature sensor for RT 2014 data logger (recommended for ST/CHL/IL/KK)	temp.: -40...+180°C	2,5 m
PT 100 L		temperature sensor for RT 2014 data logger for low temperatures (recommended for ZL)	temp.: -110...+120°C	2,5 m
RH_STD		humidity and temperature sensor for RT 2014 data logger (recommended for ST, IL)	rH: 0...80% temp.: 0...60°C	2,5 m
RH_PREM		humidity and temperature sensor for RT 2014 data logger (recommended for KK)	rH: temp.: -50...100°C 0...100%	2,5 m
FIT		fitting	-	-
IN		binary inputs DIN1, DIN2 - potential-free contacts		2,0 m
OUT		binary outputs DOUT1, DOUT2 - transistor output maximum load 24 VDC 50 mA		2,0 m