

## Thermometer hygrometer data logger



code: S3120

Data logger is designed for record of temperature and humidity. Values are stored to a non volatile electronic memory. Data transfer to the personal computer for further analysis is performed via USB, RS232, GSM or Ethernet interface by means of a proper communication adapter. The device **includes Traceable calibration certificate** with declared metrological traceability of etalons is based on requirements of **EN ISO/IEC 17025 standard**.

For communication with the PC must be from Optional accessories ordered <u>USB adapter</u> or <u>COM adapter</u> or <u>start/stop magnet</u> if is needed to control logging the other way than directly from computer.

## **Technical data**

Resolution  DEW POINT  Measuring range  Accuracy ±1.5 °C at a general second se	
Resolution HUMIDITY SENSOR Measuring range Accuracy ±: Resolution DEW POINT Measuring range Accuracy ±1.5 °C at a Resolution GENERAL TECHNICAL DATA Operating temperature Channels interr Memory 3 Recording interval Display and alarm refresh Recording mode noncyc memory Real time clock year, leap Power Battery life	-30 to +70 °C
HUMIDITY SENSOR  Measuring range  Accuracy  Resolution  DEW POINT  Measuring range  Accuracy  Esolution  GENERAL TECHNICAL DATA  Operating temperature  Channels  Memory  Recording interval  Display and alarm refresh  Recording mode  Real time clock  Power  Battery life	±0.4 °C
Measuring range  Accuracy  Resolution  DEW POINT  Measuring range  Accuracy  \$\frac{\pmathbb{\pmathbb{\text{total}}}{\pmathbb{\text{total}}}} \frac{\pmathbb{\pmathbb{\text{total}}}{\pmathbb{\text{total}}}} \frac{\pmathbb{\pmathbb{\text{total}}}}{\pmathbb{\text{total}}}} \frac{\pmathbb{\pmathbb{\text{total}}}{\pmathbb{\text{total}}}} \frac{\pmathbb{\pmathbb{\text{total}}}}{\pmathbb{\text{total}}}} \frac{\pmathbb{\pmathbb{\text{total}}}}{\pmathbb{\text{total}}}} \frac{\pmathbb{\pmathbb{\text{total}}}}{\pmat	0.1 °C
Accuracy Resolution  DEW POINT  Measuring range  Accuracy  ±1.5 °C at a resolution  GENERAL TECHNICAL DATA  Operating temperature  Channels  Memory  Recording interval  Display and alarm refresh  Recording mode  Real time clock  Power  Battery life	
Resolution  DEW POINT  Measuring range  Accuracy ±1.5 °C at a general second se	0 to 100 % RH
DEW POINT  Measuring range  Accuracy ±1.5 °C at a general state of the second state of	-2.5 % RH from 5 to 95 % at 23 °C
Measuring range  Accuracy ±1.5 °C at a Resolution  GENERAL TECHNICAL DATA  Operating temperature  Channels interred  Memory 3  Recording interval  Display and alarm refresh  Recording mode noncycomemory < brown of the property of the prop	0.1% RH
Accuracy ±1.5 °C at a Resolution  GENERAL TECHNICAL DATA  Operating temperature  Channels interr  Memory 3  Recording interval  Display and alarm refresh  Recording mode noncyc memory Real time clock year, leap  Power  Battery life	
Resolution  GENERAL TECHNICAL DATA  Operating temperature  Channels interr  Memory 3  Recording interval  Display and alarm refresh  Recording mode noncyc memory Real time clock year, leap  Power  Battery life	-60 to +70 °C
GENERAL TECHNICAL DATA Operating temperature Channels interr Memory 3 Recording interval Display and alarm refresh Recording mode noncyc memory < br	ambient temperature T <25 °C and RH >30 $\%$
Operating temperature Channels interr Memory 3 Recording interval Display and alarm refresh Recording mode noncyc memory < bridge Real time clock year, leap Power Battery life	0.1 °C
Channels interr  Memory 3  Recording interval  Display and alarm refresh  Recording mode noncyc memory < br  Real time clock year, leap  Power  Battery life	
Memory  Recording interval  Display and alarm refresh  Recording mode  noncyc memory < br  Real time clock  Power  Battery life	-30 to +70 °C
Recording interval  Display and alarm refresh  Recording mode  noncyc memory < br  Real time clock  Power  Battery life	nal temperature and humidity sensor
Display and alarm refresh  Recording mode noncyc memory Real time clock year, leap Power  Battery life	32,000 values (non-cyclic record)
Recording mode noncyc memory < bridge   Real time clock year, leap   Power   Battery life	adjustable from 10 s to 24 h
Real time clock year, leap Power Battery life	each 10 s
Power Battery life	clic - data logging stops after filling the or>cyclic - after filling memory oldest data is overwritten by new
Battery life	p year, month, day, hour, minute, second
	lithium battery 3.6 V; size AA
	6 years
Protection class	IP67 electronics; IP30 sensors

Dimensions	93 x 64 x 29 mm
Weight (including batteries)	approx. 115 g
Warranty	3 years