

# Microlog Datenlogger



8-bit Microlog



10 bit Microlog Pro

- Large memory: 16- 52.000 measurements
- Measuring interval 10 sec. up to 2 hours adjustable
- Div. Measuring sizes
  - Temperature
  - Relative Humidity
  - PH
  - Brightness/Lux
  - Transmitter signal(0..10V/0..20mA)
- External Sensors connectable:
- Windows Software(Grafic and table)
- Excel-export via button
- Wireless transmission as an option(300 mtr. distance)

## Technical data

	EC600 8-bit 5005-0010	EC650 8-bit 5005-0011	EC700 10-bit 5005-0030	EC750 10-bit 5005-0031
<b>Internal temperature</b>				
Range	-30..+50°C	-30..+50°C	-40..+80°C	-40..+80°C
Resolution	0,5°C	0,5°C	0,1°C	0,1°C
Accuracy	+-0,6°C	+-0,6°C	+-0,2°C	+-0,2°C
<b>Internal relative Humidity</b>				
Range	---	0..90%rH	---	0..100%rH
Resolution	---	0,5%rH	---	0,1%rH
Accuracy	---	+-4%rH	---	+-3%rH
<b>External sensors</b>				
Temperature	-50..100°C	-50..100°C	-50..110°C	-50..110°C
Voltage	0..10 Volt	0..10 Volt	0..10 Volt	0..10 Volt
Current	0..20mA	0..20mA	0..20mA	0..20mA
PH	0..14 pH	0..14 pH	0..14 pH	0..14 pH
Lux	0..5000 Lux	0..5000 Lux	0..5000 Lux	0..5000 Lux
Contact	open/closed	open/closed	open/closed	open/closed
IP-factor	IP65	---	IP65	---
<b>Memory size</b>	16000 values		52000 values	
<b>Interface</b>	RS232 and IRDA(Infrared)		RS232 and IRDA(Infrared)	
<b>Connector</b>	4-pin flat		4-pin flat	
<b>Display</b>	7 segment LCD		7 segment LCD	
<b>Housing</b>	plastic (ABS)		plastic (ABS)	
<b>Dimensions</b>	22,9 x 72 mm (H x D)		22,9 x 72 mm (H x D)	
<b>Weight</b>	55 g		55 g	
<b>Power supply</b>	Lithium 3,6 V 1,2 AH 1/2AA		Lithium 3,6 V 1,2 AH 1/2AA	
<b>Battery lifetime</b>	Appr. 2 years		Appr. 2 years	