



Wireless data logger, complete

consisting of:

Wireless data logger, SPY RF U1-ex

1-channel for Pt100, 4-20mA / 0-1V / contact on-off, with display

Measurement accuracy at 23°C:	+/- 0,3°C
Resolution	0,1°C
Battery:	Lithium Battery
Recording interval:	1 sec. to 90 minutes
Internal memory:	10.000 measurements
Usable range:	1km LOS
Communication:	via radio 868 Mhz
Power:	25 mW
incl.1 pcs. Sensor Cable Resistance sensor with ATEX Exi certification	
Pt100 class A, 3-wire circuit with the cable connected TFDT L 4 4x0, 22 mm ²	
Protective tube D 4mm x 30 mm length, 1.4571	
Measurement area:	-200°C...+200°C
Length:	3 meter Optional: 8 meter
Delivery contents:	wall mounting holder and plug protection

Software - Basic Version for single user

- Maintenance of multiple Wireless data logger
- collect the recorded data of the Wireless data logger
- Back up data (tamper-proof)
- Prepare the data in terms of graphics or charts
- Excel exportable
- Maintenance of alarms via potential free contact at the Modem
- or Alarmsystem (SMS, phone call, blinking light, buzzer)

SPY RF USB-Modem for data transfer to the PC via USB-connector

- Communication with infinite numbers of Wireless data logger
- Remote alarm via integrated potential contact
- including wall mounting holder

Optional:

Cable Resistance Sensor with ATEX Exi certification

Pt100 class A, 3-wire circuit with the cable connected PTFE
Protective tube D 4mm x 30 mm length,
Measurement area: -200°C...+200°C

Length: 8 Meter

SPY RF Relay (Repeater)

- Allows the data transfer of the data logger about bigger distances
- Can transfer dates of one or several SPY RF data logger
- Electricity supply about power supply unit and battery in case of power failure
- with 2 output ranges: 25mW to communicate with the data logger and 500mW to communicate with the modem.
- Delivered with wall mounting fixture
- Ambient temperature: from -10°C to +70°C

SPY RF Alarm - realtime alerting

- i.e. by limit exceeded or power failure
- Local warning
- Integrated acoustical and optical Alarm
- Power supply via external power adapter and spare battery in case of power failure
- Button for local alarm quitt
- Relais output for remote alarm (GSM-Modem, telephone dialer)
including wall mounting holder

SPY RF Telephone dialer

- In the speech modus it called up to 6 different subscriber and informed them about the kind of failure
- This ergonomically linguistic aid provides high operational ease.
- requires an analogue phone line
- Individual adjustment of identification, alarms and alarm quitt
- requires an external power supply (included)

GSM-Modem I for switch contact

For use with:

Software - Basic Version and SPY RF USB-Modem, or SPY RF Alarm

- Enables to send SMS messages
- Modem registered also power failure and send SMS immediately.