



- Size 65 x ø 8 mm (25 cm cable)
- 64 bit serial code allow multiple devices on 1 wire
- Over voltage protection
- Programmable identification number
- IP67 protection

## PHYSICAL PROPERTIES

Dimensions, mm	65 x 8
Connection	3 pin
Housing	IP67

## CONTACTS

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### Technical specification

Measurement resolution (Celsius temp.)	9 – 12 bit
Temperature range	-40 - +120°
±0.5° accuracy interval	-10 - +85°
Power supply	4.25–6 V DC
EEPROM writes	50k writes
EEPROM data retention	10 years
Maximum constant allowed voltage	14 V
Maximum short term voltage spike	28 V @ 6 min (ambient temp. 20°)
Maximum non repeated spike	50 V @ 1 s
Total cable length	25 cm

### Pinout

Brown	Ground
Green/yellow	1-Wire DATA
Blue	1-Wire POWER (5 V DC)

### Error codes

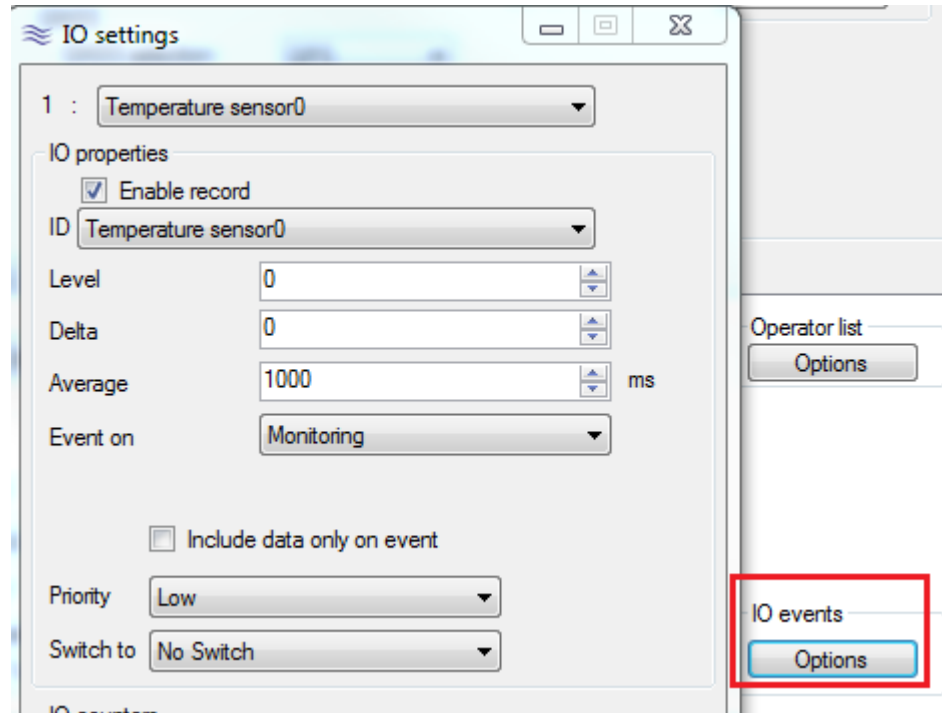
850	Power supply too low
2000	No sensors found
2001	Short circuited data line (with GND or 5 V)
2002	CRC error (noise on data line)
2003	No sensors found
2004	Temperature out of range

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Go to the configurator *IO events Options* and configure each setting as shown in the picture above. Temperature sensor 0 is actually sensor 1.

If you connected more than one temperature sensor, enable remaining IO parameters:

- Temperature sensor 0
- Temperature sensor 1
- Temperature sensor 2
- Temperature sensor 3

### Connection of more than one sensor to the FM device

