



- It measures temperature in a range of -20 to 50 °C with internal or external sensor and sends it to the system unit (eLAN-RF, RF-Touch) in regular 5 min. intervals.
- It sends a signal upon sudden temperature change within 1 min.
- Option of connecting an external sensor to the terminals THERM.
- Battery power (1x 3 V CR 2477 battery - included in supply) with battery life of around 1 year based on frequency of use.
- Range up to 160 m (in open space), if the signal is insufficient between the controller and unit, use the signal repeater RFRP-20 or protocol component RFIO2 that support this feature.
- Communication frequency 868 MHz with bidirectional protocol RFIO.
- External sensor TC (-20 to +80 °C) or TZ (-40 to +125 °C) for length of 3 m, 6 m, 12 m. For more information see „Accessories“ on page 45.

Technical parameters

RFTI-10B

Supply voltage:	1x 3 V CR 2477 battery
Battery life:	1 year based on frequency of use
Transmission indication/function:	red LED
Temperature measurement:	1x internal NTC thermistor 1x external TZ/TC temperature sensor input
Temp. measurement range and accuracy:	-20 to +50 °C; 0.5 °C in the range

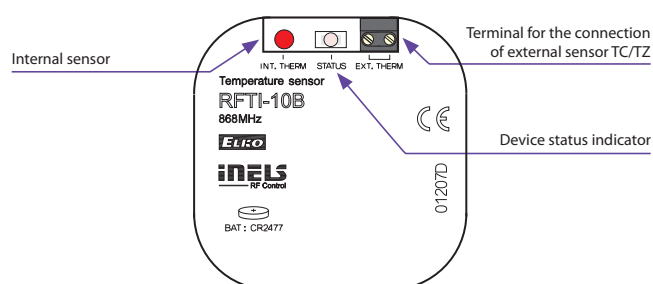
Output

Communication protocol:	RFIO
Frequency:	866–922 MHz (for more information see p. 76)
Repeater function:	no
Signal transmission method:	unidirectionally addressed message
Range:	in open space up to 160 m

Other data

Operating temperature:	-10 to +50 °C
Operating position:	any
Mounting:	glued/free-standing
Protection:	IP30
Contamination degree:	2
Dimensions:	49 x 49 x 13 mm
Weight:	45 g
Related standards:	EN 60669, EN 300 220, EN 301 489 R&TTE Directive, Order. No 426/2000 Coll. (Directive 1999/EC)

Device description



Sensor location

