



- With an integrated digital sensor, it measures temperature and humidity in the range of -10 to +50 °C and at regular intervals of 20 min. sends it to the system device (eLAN-RF, RF-Touch).
- In the event of a sudden change in temperature and humidity, it sends a signal within 1 min.
- (2x 3 V batteries CR 2032 - included in the package) with a lifetime approx. 1 year (according to ambient temperature cycling).
- Range up to 160m (in open space), in case of insufficient signal between the controller and the device, use RFRP-20 signal repeater or devices with RFIO2 protocol that support this function.
- Communication frequency with two-way RFIO protocol.

EAN code:
RFTI-20: 8595188134019

Technical parameters		RFTI-20
Supply voltage:	2x 3 V CR 2032 battery	
Battery life:	up to 1 year, according to the number of activations	
Transmission indication/function:	red LED	
Temperature and humidity measurement:	integrated digital sensor	
Temperature measurement range and accuracy:	-10 to +50 °C; 0.5 °C of range	
Humidity measurement range and accuracy:	0 to 90 %; ±3 % of range	
Output		
Communication protocol:	RFIO	
Frequency:	866–922 MHz (see p. 70)	
Repeater function:	no	
Signal transmission:	unidirectional message	
Range:	in open space up to 160 m	
Other data		
Operating temperature:	-10 to +50 °C	
Working position:	any	
Mounting:	glue/screws/loose	
Protection:	IP30	
Contamination degree:	2	
Dimensions:	75 x 25 x 14 mm	
Weight:	45 g	
Related standards:	EN 60730, EN 63044, EN 300 220, EN 301 489	

Device description

