

WIRELESS TEMPERATURE AND LUMINOSITY SENSOR

UTRACK TL-BLE



‘Utrack TL-BLE’ measures the ambient temperature and luminous flux, processes the data collected and transmits it to a receiver device via Bluetooth Low Energy (BLE) connection.

Mostly, the sensor is used to monitor the temperature inside reefer trucks that run long-distance deliveries of produce such as perishable or refrigerated foods, flowers, pharmaceutical products, etc. However, ‘Utrack TL-BLE’ can also be used inside factory and plant buildings, greenhouses and other premises where it is required to monitor the temperature and luminosity levels.

Advantages of the wireless sensor ‘UTRACK TL-BLE’ before wired ones

- Data transmission via Bluetooth connection under ‘Utrack BLE Protocol’
- Easy and quick to install - no need to worry about cabling
- Fully autonomous - Li-ion battery that requires no maintenance and lasts up to 3 years
- Easy to configure and tune via Utrack mobile app

TECHNICAL CHARACTERISTICS

The margin of error, not more than:	±1 °C
The light measurement error in the workspace, no more:	20 %
Operating mode:	digital
Digital mode:	
- interface	Bluetooth LE (BLE)
- data exchange protocol	Escort BLE
Range, not less than:	10 meters
Data transmission interval:	10 seconds
Receiver sensitivity / transmitter power:	-96 dBm / 4 dBm
Ingress protection marking in accordance with GOCT (State Standard) 14254	IP67
Electric shock resistance rating in accordance with GOCT (State Standard) 12.2.007.0	Class III
Operating conditions:	
- ambient temperature	-40 ... +85 °C
- atmosphere pressure	84 ... 106,7 kPa
Dimensions, no more than	94X60x36 mm
Weight, no more than	0,5 kg