

Cargo Space Condition Sensor

BS 05 00

THIS WIRELESS SENSOR MONITORS THE VALUES FROM THE CARGO HOLD. YOU CAN MAKE SURE THAT THE CARGO IS TRANSPORTED UNDER OPTIMAL CONDITIONS.

USAGE AND CHARACTERISTICS

- » Wireless sensor with Bluetooth® technology
- » Usage inside in wagons, containers
- » Measures temperature, humidity, atmospheric pressure
- » Monitors tilt, vibration, G-shock
- » Measures and sends values to the main GPS unit, data from the sensor are visible at the time of main GPS unit communication (depends on pre-selected interval)



TECHNICAL PARAMETERS

ANTENNA	RF	Internal	
BATTERIES	Type and capacity	Li-SOCl2 - primary	14 Ah
	Battery life	Minimum 10 years non-replaceable	
SENSORS	Temperature sensor	-35 °C up to 85 °C, +/- 0,5 °C	
	Humidity	0 - 100 %	
	Atmospheric pressure		
	Tilt, vibration and G-shock	3-axis accelerometer 8g	
RF SENSOR INTERFACE	Frequency	2,4 GHz	
	Type	Bluetooth, BT 5.0	
	Range	Up to 50 m	
	Data sending period - default	2 s	
DIMENSIONS	Plastic box (without pad)	80 x 52 x 39 mm	
TEMPERATURE RANGE		-35 °C up to 85 °C	
PROTECTION CLASS	IP30	Outdoors only in a cover dry place (inside the wagon/container)	
WEIGHT	With batteries	100 g	