

# Cargo Space Condition Sensor

THIS SENSOR MONITORS THE VALUES FROM THE CARGO HOLD. YOU CAN MAKE SURE THAT THE CARGO IS TRANSPORTED UNDER OPTIMAL CONDITIONS. THE MAGNETIC SENSOR ALLOWS YOU TO DETECT THE OPENING/CLOSING OF THE CARGO SPACE.

## USAGE AND CHARACTERISTICS

- » Wireless rail car sensor
- » Part of Smart Wagon Solution
- » Temperature sensor measures temperature, humidity
- » Magnetic sensor detects opened/closed cargo space
- » Measures and sends values to the main GPS unit



## TECHNICAL PARAMETERS

<b>ANTENNA</b>	RF	Internal	
<b>BATTERIES</b>	Type and capacity	Li-SOCl2 - primary	14 Ah
	Battery life	Minimum 10 years   non-replaceable	
<b>SENSORS</b>	Magnetic sensor	5 mT, +/- 2 %	
		Measures distance from 30 to 150 mm	
	Temperature sensor	-35 °C up to 85 °C, +/- 0,5 °C	
	<b>RF SENSOR INTERFACE</b>	Frequency	2,4 GHz
	Type	Bluetooth, BT 5.0	
	Range	Up to 50 m	
	Data sending period - default	10 s	
<b>DIMENSIONS</b>	Plastic box (without pad)	80 x 52 x 39 mm	
<b>TEMPERATURE RANGE</b>		-35 °C up to 85 °C	
<b>PROTECTION CLASS</b>	IP68	Waterproof	
<b>WEIGHT</b>	With batteries (without metal holder)	100 g	