

Door Status Sensor

BS 06 10

THIS WIRELESS SENSOR MONITORS OPEN | CLOSED DOOR STATUS. THE MAGNETIC SENSOR ALLOWS TO DETECT THE OPENING/CLOSING OF THE CARGO SPACE (WAGON, CONTAINER).

USAGE AND CHARACTERISTICS

- » Wireless sensor with Bluetooth® technology
- » For use in railway and intermodal freight systems
- » Magnetic sensor detects opened/closed cargo space
- » Mounting by gluing or using screws or rivets
- » Measures and sends values to the main GPS unit, data from the sensor are visible at the time of the 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	Magnetic sensor	Magnet distance < 30 mm closed, > 50 mm open
	Temperature sensor	-35 °C up to 85 °C, +/- 0,5 °C
	Vibration sensor	8 g
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 holder)	85 x 43 x 40 mm
TEMPERATURE RANGE		-35 °C up to 85 °C
PROTECTION CLASS	IP68	Waterproof Encapsulated for protection in harsh environments
WEIGHT	With batteries (without holder)	200 g