

Brake Block Wear Sensor

BS 06 05

THIS WIRELESS SENSOR MONITORS BRAKE BLOCK WEAR AND INDICATES WHEN MAINTENANCE OR REPLACEMENT IS REQUIRED.



USAGE AND CHARACTERISTICS

- » Wireless sensor with Bluetooth® technology
- » Part of Smart Wagon® Solution
- » Monitoring of brake block wear up to the defined limit with alert generation
- » Safety & predictive maintenance for rail cars
- » Measures and sends values to the main GPS unit, data from 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	
	Binar input	For detection of brake block wear	
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	85 x 43 x 42 mm	
TEMPERATURE RANGE		-35 °C up to 85 °C	
PROTECTION CLASS	IP68	Waterproof Encapsulated for protection in harsh environments	
WEIGHT	With batteries	200 g	