

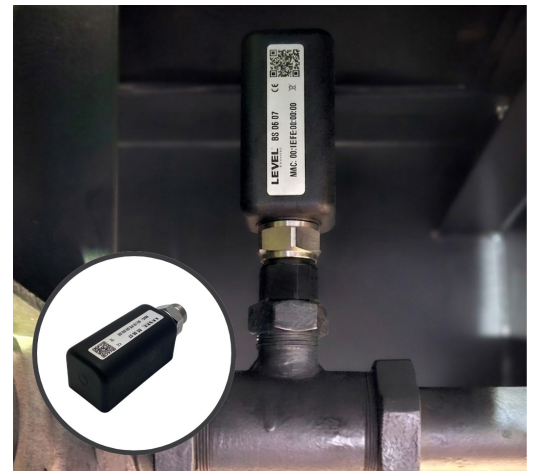
Pressure Sensor

BS 06 07

THIS WIRELESS SENSOR MEASURES PRESSURE WITHIN THE RAIL CAR BRAKE SYSTEM IN THE BRAKE CYLINDER OR BRAKE PIPE - DEPENDING ON SENSOR PLACEMENT AND TRANSMITS THE PRESSURE VALUE TO THE SUPERVISORY SYSTEM.

USAGE AND CHARACTERISTICS

- » Wireless sensor with Bluetooth® technology
- » Part of Smart Wagon® Solution
- » Measures temperature and pressure in the brake system
- » Safety & Predictive maintenance
- » Collects values for automatic brake test
- » 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	
	Pressure sensor	0-6 bar	
RF SENSOR INTERFACE	Frequency	2,4 GHz	
	Type	Bluetooth, BT 5.0	
	Range	Up to 50 m	
	Data sending period - default	2 s	
DIMENSIONS		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	300 g	