

SPR-203 (SLOC Productivity)

Version: 1.0 | 20.10.2020

Smart Device for for industrial trucks & other vehicles

**Information provided:**

- Motion profile (standstill/driving)
- Loading status (loading/unloading)
- Lifting height in mm
- Locating (with BLE Beacons)
- Shock

Fields of application (selection):

- Forklift
- Lift mast truck
- High-bay stackers
- Pallet truck
- Vehicles and Trailers

Technical specification:

Power Supply	Battery:	Version:	2x Li-Ionen AA
		Voltage:	2,7-3,6V
		Life-Time:	2 to 24 months (depends on operating times of vehicle, network quality and transmission interval)
Connectivity	Bluetooth LE 4.2:	2,4 GHz	
Sensors	Accelerometer:	Measuring range:	up to zu 16 G
		Measuring frequency:	1 Hz to 5376 Hz
	Temperature:	Measuring range:	-55°C to +125°C
		Accuracy:	+/- 1°C from -25°C to +100°C +/- 2°C from -55°C to +125°C
	Ultrasonic (2x):	Measuring range:	up to 2m
	Barometric pressure:	Measuring range:	300 to 1200 hPa
CPU	Ultra-Low Power ARM Cortex-M		
Memory	Non-volatile memory:	100.000 delete / write operations	Up to 10.000 data points
Operating Modes	Transport Mode	Sleep Mode	Active Mode
Activation	With magnet and/or rotational movement		
Operating Conditions	Temperature:	-30°C to +70°C	
	Humidity:	5% to 85% (no condensation)	
Storage Conditions	Optimum storage:	21°C at 20% relative humidity	
IP Protection Class	IP67		
Weight	120g		
Dimensions	118x57x31 mm (LxBxH)		

