



Protection rating	IP68	
	IK10	
Standards	EN50155	Electric on rolling stock
	EN50121	EMC rolling stock
	CE	
Installation	Strength	Up to 2000Nm
Capacity	54,4 Ah	
Battery (Until recharging)	Standby	8years
	Operation	Up to 2,5 years
Measurements from train	Track geometry	Longitudinal level, Cross level, Alignment, Twist
	Overhead wire	Relative height, relative wear, defects, relative position
	Signal system	ATC & ERTMS balises, message quality, amplitude and frequency
Resolution (length)	350kmh	down to 6cm precision
	180kmh	3cm precision
Resolution (values)	<0,5mm	
Accuracy/reproduction	>95percentille	
Positioning	GPS,3D ADR	down to +/- 10cm
Measurements from track	Point machine	Normal operation and any deviation, movements, vibrations etc.
	Wheel detection	Wheel wear, counting, hot detection
Charging	Slow	Sun panels, electromegnetic radiation/induction
	Fast	32A charger
Weight	Main unit	2,3kg
	Sensor unit	50g
Ports	Sensor units	3
	Signal system antenna	1
	Slow charge	1
	Fast charge	1