

## ELOshield AGV\* Module

ELOshield AGV Module S is a UWB hardware device AGV Module acts like a standalone Antenna to prevent accidents between small AGVs and other material handling equipment (fork trucks, etc.) outfitted with the ELOshield system



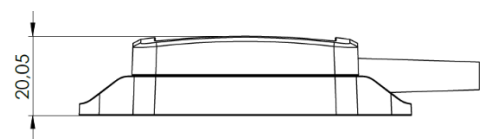
Three Options are available for different solution approaches:

	AGV Module S	AGV Module IO*	AGV Module PRO*
<b>Main Functions</b>			
Detectable by other trucks outfitted with the ELOshield system	X	X	X
Zone extension per Module (Buffer Zones)	X	X	X
Extended voltage range, voltage sourced from vehicle (12-48V)		X	X
Input Signal handling, to mute ELOshield by AGV Signal		X	X
Zone Trigger Output, for example to put AGV in creep speed		X	X
Multi-antenna applications, to be used for larger vehicles, to extend the detection range			X

\*Additional I/O-Box necessary

### Technical Data

Information	Value [unit]
Dimensions	84 x 50 x 20,1 mm
Weight	~ 60 g
Protection class	IP 54
Acoustic signal volume	90 dB (Optional)
Supply voltage	5 V (AGV Module S)
Detection Area	Up to 15m (Line of Sight)
Temperature range	-10 to +60° C



\*AGV: Automated guided vehicle = fahrerloses Transportsystem