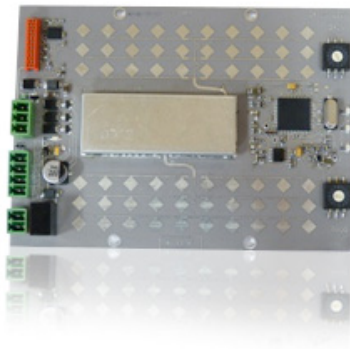


LOW-POWER SPEED SENSOR

AMG049-003 - Radar sensors



- Very low power consumption
- High sensitivity and detection performance
- No need to set-up stand-by cycle
- Well defined detection zone

DESCRIPTION

The AMG049-003 is ideal for measuring speed with minimal energy consumption. It is a compact, cost-effective and versatile Doppler sensor working in the 24 GHz frequency band which can be easily integrated into vehicle activated displays, traffic counting units or speed performance measuring systems.

This reference is very well suited to both battery and solar-powered uses. Its unique radar signal processing design ensures outstanding detection performance and sensitivity at a very low current (13mA @ 12V), while also making unnecessary to program stand-by cycles to ensure low-power consumption throughout.

Like all sensors in our catalogue, the AMG049-003 is available as OEM part or enclosed in a polycarbonate cover.

USE



APPLICATIONS

- Speed measuring / speed displays
- Vehicle activated traffic signs
- Wrong-way detection

ADDITIONAL INFORMATION

FEATURES

- 5 km/h to 200 km/h speed range
- 35 ms sampling time
- ± 1 km/h precision
- 9 V to 30 V voltage
- 13 mA typ. current
- RS232, or RS485, or UART data interface
- 3 TOR outputs
- Approaching and bi-directional detection
- Adjustable sensitivity by rotary switch.
- Programmable speed thresholds

DISCLAIMER: AMG Microwave reserves the right to make modifications to the design and characteristics of this product at any time and without prior notice.
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