



VMD202

VEHICLE MOTION DETECTOR

The VMD202 vehicle motion detector senses moving ferrous metal within its magnetic field. It has a detection range up to 12 feet at a minimum speed of 5 mph. An optional sensitivity remote finely tunes the VMD202 to fit any installation requirement and then easily detaches to prevent unwanted changes or tampering. The settings are stored in a non-volatile memory, saving them in case of power failure. The VMD202 accepts a wide range of power inputs from 12-39 VDC or 12-27 VAC and features a low current consumption (70 uA standby / 25 mA activated) making it ideal for solar applications.

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Vehicle Motion Detector

- The probe assembly and cable are water tight and direct burial compatible.
- An optional remote can be connected via screw terminals to select 10 sensitivity settings.
- The detection range is up to 12 feet at a minimum speed of 5 mph.



VMD202-R

Technical Data

Power	12-39 VDC or 12-27 VAC
Current	70 uA standby / 25 mA activated
Relay	Form C (SPDT) 1A@24 VDC; 1A@120 VAC
Operating Temperature	-30° C to 70° C (-22° to 158° F) 0 to 95% relative humidity
Material	ABS plastic for VMD202-R, PVC for probe
Dimensions	VMD202-R (3.0 x 0.9 x 2.75 in) Probe (1 x 24 in)
Probe Cable	5 wire direct burial PVC

Ordering Information

- VMD202-50 Probe with 50 feet of cable
- VMD202-100 Probe with 100 feet of cable
- VMD202-150 Probe with 150 feet of cable
- VMD202-XXX Special length lead cable in 50 foot increments up to 1000 feet
- VMD202-R Remote for tuning and adjustment control (optional add-on accessory)

WARRANTY EMX INC. the product described herein for a period of 2 years under normal use and service from the date of sale to our customer. The product will be free from defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser from incorrect connections, or lightning damage. There is no warranty of merchantability. There are no warranties expressed, implied or any affirmation of fact or representation which extend beyond the description set forth herein. EMX Inc. sole responsibility and liability, and purchaser's exclusive remedy shall be limited to the repair or replacement at EMX's option of a part or parts not so conforming to the warranty. In no event shall EMX Inc. be liable for damages of any nature, including incidental or consequential damages, including but, not limited to any damages resulting from non-conformity defect in material or workmanship. Rev 1.3 01/04/2021

