

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. A plug-in 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 9-41 VDC or 6-29 VAC and features a low current consumption (250uA standby / 12 mA activated) making it ideal for solar applications.

VMD202



EMX Industries, Inc.

4564 Johnston Parkway, Cleveland, Ohio 44128

P. 800 426 9912 F. 216 518 9884

Sales Inquiries: salesupport@emxinc.com **Technical Support:** technical@emxinc.com

www.emxinc.com

Vehicle Motion Detector

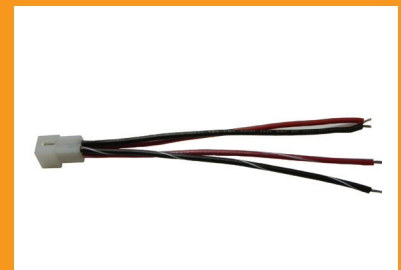
- The harness is pre-wired with a jumper in place for easy installation.
- The probe assembly and cable are water tight and direct burial compatible.
- A detachable remote enables the choice of 10 sensitivity settings.



VMD202-R



VMD202-JMPR



VMD202-HAR

Technical Data

Power	6-41 VDC or 6-29 VAC (do not exceed 35 V peak)
Current Stand-By	250uA with VMD202-R removed, 295uA with VMD202-R in-line
Relay	Form C (SPDT) 1A@24VDC; 1A@120VAC
Detect Current	12mA
Operating Temperature	-40°C – 82°C (-40°F – 180°F) at less than 96% 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-JMPR and VMD202-HAR
- VMD202-100 Probe with 100 feet of cable, VMD202-JMPR and VMD202-HARR
- VMD202-150 Probe with 150 feet of cable, VMD202-JMPR and VMD202-HAR
- VMD202-XXX Special length lead cable in 50 foot increments up to 1000 feet
- VMD-202-R Remote for tuning and adjustment control (optional add on accessory)
- VMD202-JMPR May be ordered as replacement or extras
- VMD202-HAR May be ordered as replacement or extras

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 1.1 02/11/2020

