VMD202

Vehicle Motion Detector

Applications

The VMD202 incorporates an all new circuit design that accepts a wide range of power inputs from 9 – 41 VDC or 6 – 29 VAC. The VMD202 features a low current consumption of 250uA standby and 12mA activated, making it a great choice for solar applications. An optional plug-in remote control may be simply plugged into the harness to tune the VMD202 and then removed to prevent unwanted changes or tampering. The settings are placed in a non-volatile memory "remembers" the setting in case of power failure. The design makes the VMD202 easy to install and tune for each location's needs.

- Harness pre-wired onto lead wire with VMD202-JMPR in place for easy installation.
- Probe assembly and wire are water tight and direct burial compatible.
- VMD202-R enables choice of 1 of 10 sensitivity settings.

VMD202

EMX
INDUSTRIES

For more information, please visit www.devancocanada.com or call toll free at 855-931-3334

WIRING INFORMATION

VMD202-HAR

Red/White goes to operator Plus Voltage 9-41 VDC (Also 6-29 VAC)

Black/White goes to operator Negative Voltage or Common (Also to other pole of 6-29 VAC)

Probe Green is relay output common contact (Normally attaches to input terminal com or gnd)

Probe Brown is relay output N.O normally open contact (Normally attaches to operator input open or free exit)

Probe White is Relay output N.C. Normally closed (Not normally used with most operators)

The VMD202-HAR is attached to the power inputs of the VMD202 lead cable standard with the VMD202-JMPR inserted into the polarized connector. The VMD202 is able to be powered and operated directly in this configuration. If you wish to "tune" the sensitivity, the accessory VMD202-R will need to be plugged temporarily into the connector. The VMD202-R may then be removed or left in place as desired.

Plug VMD202-R or VMD202-JMPR into polarized plug

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	-40oC – 82oC (-40oF – 180oF) 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-HAR, VMD202-JMPR
- VMD202-100 Probe with 100 feet of cable, VMD202-HAR, VMD202-JMPR
- VMD202-150 Probe with 150 feet of cable, VMD202-HAR, VMD202-JMPR
- VMD202-xxx Special length lead cable in 50 foot increments up to 1000 feet
- VMD-202-R Remote tuning and adjustment control (Optional add on Accessory)
- VMD202-HAR May be ordered as replacement or extras if needed
- VMD202-JMPR May be ordered as replacement or extras if needed

MADE IN THE USA

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