



1334-MOD-C

Remote Analog Speed Meter

Description

The Remote Analog Speed Meter — P/N 41448 — provides a speed readout from 0 to 100% of maximum Drive frequency (speed), with a scaling potentiometer mounted to the back of the meter. The 1334-MOD-C may be used with any Bulletin 1334 or 1335 Drive and may be remotely mounted up to 200 feet from the Drive.

IMPORTANT

- A Frequency Output Card — Option C2 — is required for use with the Remote Analog Speed Meter.
- The Remote Analog Speed Meter may not be installed if the Remote Programmable Speed Meter — Option E2 — is installed.

Installation

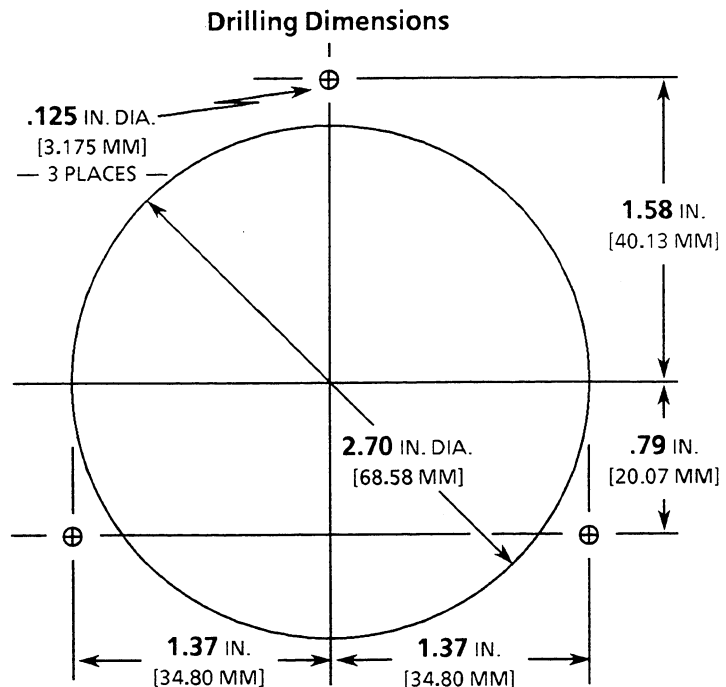


WARNING

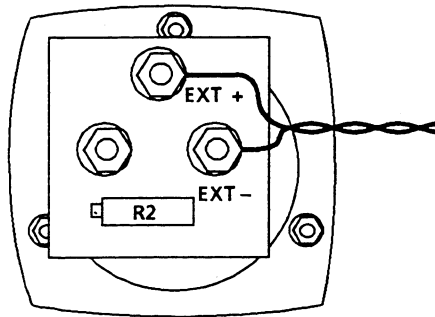
Only personnel familiar with the Drive and its associated machinery should plan or implement the installation, startup, and adjustment of MOD kits. Failure to comply may result in personal injury and/or equipment damage.

To guard against personal injury, always remove & lock-out power to the Drive at the main supply disconnect and all other power source disconnects. Ensure that DS1 is not lit when boards or wires are being installed or connected. Refer to the instruction manual for your Drive for LED location.

Installation involves marking and cutting a 2.7" diameter display window in the remote panel, marking and drilling (3) .125" diameter mounting holes, installing the meter assembly and installing interconnection wiring between the meter and the Frequency Output Card.

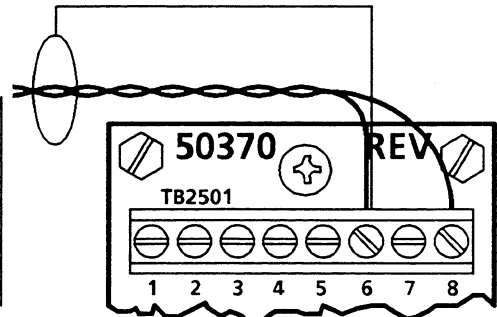


Interconnection Wiring



Remote Analog Speed Meter Assembly

For best results, interconnection wiring for the Remote Analog Speed Meter should be twisted pair, shielded wire, with a maximum distance of 200 feet. Connect the shield to terminal 6 at the Frequency Output Card — do not ground both ends of the shield. The maximum wire size TB2501 will accept is 18 AWG stranded copper wire. Connect the EXT + terminal of the meter to terminal 8 of TB2501 — the EXT - terminal to terminal 6 of TB2501.



Frequency Output Card — Option C2 —

Setup

Both the Frequency Output Card and the Remote Analog Speed Meter have been factory set to 60 Hz at full scale. Before connecting the interconnection wiring between the meter and the card, refer to **Pub. 1334-5.0.22 — Option C2 instructions —** and perform the card adjustment procedures.

Once the card adjustment procedures have been completed and the interconnection wiring connected, the meter may be zeroed by turning the face plate screw when an input signal is not present. When a full scale signal is applied, scaling pot **R2** on the rear of the meter may then be adjusted to allow the meter to read **100%**.



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