

MTC-60 and MTV-60 Moisture Transmitters for Wood

The **Delmhorst moisture transmitters** measure moisture in wood or other hygroscopic materials (in conjunction with any Delmhorst electrode) and generate either a current (MTC-60) or voltage output (MTV-60).

The transmitters do not have a display. They use a 4-wire transmission method (i.e., DC voltage is brought in to power the unit by a separate wire from the wire used to carry the voltage or current output.)

The transmitters are ideally suited for applications requiring continuous monitoring of moisture in wood or other hygroscopic materials and interfacing the sensor to a data logger.

The transmitters are housed in an ABS wall-mounted case for easy mounting near the sensor or in a control room.

SPECIFICATIONS: MTC-60

- **Moisture range** : 6% - 60% Wood (Douglas Fir @ 21°C)
- **No. of outputs** : One
- **Outputs** : D.C. Current 4 to 20 mA (Non-linear, inversely proportional) or, Voltage 1-5 VDC, or 0-2 VDC
- **Power requirement** : D.C. Voltage between 15 to 30 volts
- **Supply current** : Minimum 500 mA
- **Case size (mm)** : 88.9 x 44.5 x 63.5
- **Mounting Base (mm)**: 89.6 x 57.9
- **Terminals** : A 2.5 mm (Center Positive) POWER JACK for POWER INPUT, TERMINAL STRIP and UHF connector for MOISTURE INPUT
- **Includes** : MTC-60 or MTV-60, 15V Power Adapter NO.219ADA-0023, Output Plug NO. 216CAB-0023



SPECIFICATIONS: MTV-60

Output : 0-10 VDC only

All other specs are the same as MTC-60

AVAILABLE ELECTRODES AND ACCESSORIES:

HS-1



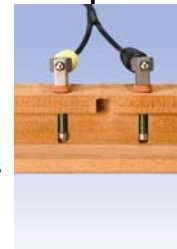
The HS-1 is a humidity sensor which connects directly to the MTC-60 and can be placed at depths and in areas where our other electrodes cannot reach. The HS-1 is great for long-term monitoring of wood members, poles, and wall cavities, and comes equipped standard with a 2' cable.

2-E/H



The 2-E/H is a compact electrode great for long-term monitoring of wood, drywall, and paper cores. This electrode connects directly to the MTC-60 and comes equipped standard with 5/16" pins and a 10' cable.

Core and Shell pins



These insulated pins and robust cables can be used in a variety of applications for long-term monitoring of wood.