

## DELMHORST MOISTURE TRANSMITTER MODEL MTX

The Delmhorst Moisture Transmitter is ideal for continuous monitoring of moisture in wood or other hygroscopic materials in conjunction with any Delmhorst electrode or sensor. The MTX generates either a current or voltage output. It does not have a display. The MTX interfaces with a PC, PLC, or other data collection device using a 2 wire conductor to carry the current or voltage. The MTX is powered by the included wall adapter power supply or by the user's separate source. See specifications below.

The MTX is housed in an ABS wall-mountable case for easy mounting near the sensor or in a control room.

### SPECIFICATIONS:

	Both	MTX-C	MTX-V
<b>Operating Temperature Range</b>	32°F-158°F/0°C-70°C (nominal)		
<b>Power</b>	15 to 25 VDC Power Jack: 2.5mm center positive		
<b>Current Consumption</b>	23 mA max		
<b>Sensor Input Options</b>	UHF Connector or 2-wire terminal strip		
<b>Output</b>	Non-linear, inversely proportional Interface Jacks: 2.5mm center positive	4 to 20 mA, Source: 12V Alternate outputs: 0 – VDC and 1 - 5 VDC	0 - 10 VDC
<b>Isolation</b>	Not Isolated.	Should be used in conjunction with current loop isolator	
<b>Calibrations Available</b>	Wood: 6% - 60% Gypsum: 0.1% - 7.7% Plaster: 0 - 100 (Relative Scale) Hay: 6% - 60% Cotton Lint: 4.2% - 16.2% Cotton Seed: 6.1% - 20.2% Leather: 9% - 36%		
<b>Response Time:</b>	Instantaneous		
<b>Case Size</b>	3.25" x 3.25" x 1.25"; Mounting base 4.25" x 3.295"		

### STANDARD PACKAGE INCLUDES:

MTX–C or MTX–V module

18V Power Adapter #219ADA-0030 (suitable for domestic or international)

Output Cable # 216CAB-0013. Order additional Output Cable if supplying own power.

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