



Moisture Transmitter

MTR-730 series

□ IP65 □ CE □ RoHS

- Moisture measurement and control.
- 4 ~ 20mA or 0 ~ 2Vdc output.
- IP65 Watertight enclosure, Stainless steel probe.
- Custom calibration for measuring object.
- Wide supply voltage: 12 ~ 40Vdc.
- Easy mounting and quick wiring.

Applications :

Agriculture and fertilization control.
Turf management. Food processing.
Measuring the moisture of Soil, Sands, Sawdust, Pulps,
Compost, Powders, Building materials, Compounds...etc

MTR-731 Moisture Transmitter

MTR-732 Temperature/Moisture Transmitter



Specifications of MTR-730 Please advise the specification of * option based on your individual needs.

Model No.	MTR-731	MTR-732
Measuring Range	0.0 ~ 100.0% output scale True read : 6.0~56.0% WME	* Temperature: - 40 ~ 60 °C, -20~80°C, 0~100°C 0.0 ~ 100.0% output scale True read: 6.0~56.0% WME
Accuracy (At 25°C)	Moisture: ±2%	Temperature: ± 0.4°C
Reference of Mineral Soils		Moisture: ± 2%
Long-term Stability	Better than 1% per year (Typical)	
Temp. Compensation	±0.02% / °C (Effect @ 0% RH)	
Response	Approx. 3 seconds	
Output		* Temperature:
Moisture scale : 0~100%	Current output: 4 ~ 20 mA Two wire	Current output: 4 ~ 20 mA Two wire
Temp. scale: -40~+60°C		Voltage output: 0 to 2VDC Four wire
		Moisture:
		Current output: 4 ~ 20 mA Two wire
Supply Voltage	12 ~ 40V DC, >120mA	
Ambient Temperature	-40 ~ + 60 °C	
Housing / Protection	ABS plastic watertight enclosure (IP 65), Probe: Stainless steel SUS304	
Weight	Approx. 190g	
Dimensions	Instrument: φ90 x 54(H)mm Probe: φ8 x 150(L)mm ※Length of probe is possible upon request.	

※ Specifications are subject to change without notice.