



Soil Moisture Transmitter

MTR-730 series

☐ IP65 ☐ CE ☐ RoHS

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

Features :

- Moisture Measurement and Control
- 4 ~ 20mA or 1 ~ 5Vdc Output
- IP65 Watertight Enclosure, Stainless Steel Probe
- Custom Calibration for Measuring Object
- Wide Supply Voltage: 12 ~ 40Vdc
- Easy Mounting and Quick Wiring



MTR-731 Soil Moisture Transmitter

MTR-732 Soil Temperature/Moisture Transmitter

Specifications of MTR-730

Model No.	MTR-731	MTR-732
Measuring Range	0.0 ~ 100.0% output scale 6.0~56.0% WME (Soil)	Temperature : -40 ~ +60°C 0.0 ~ 100.0% output scale 6.0~56.0% WME (Soil)
Accuracy (At 25°C) Reference of Mineral Soils	Moisture : ± 2 %	Temperature : ± 0.4°C Moisture : ± 2%
Long-Term Stability	Better than 1% per year (Typical)	Better than 1% per year (Typical)
Temp. Compensation	± 0.02% / °C (Effect @ 0% RH)	± 0.02% / °C (Effect @ 0% RH)
Response	Approx. 3 seconds	Approx. 3 seconds
Signal output Moisture Scale : 0~100% Temp. Scale: -40~+60°C	Current output : 4 ~ 20 mA Two wire Voltage output : 1 ~ 5 VDC	Temperature : Current output : 4 ~ 20 mA Two wire Voltage output : 1 ~ 5 VDC Moisture : Current output : 4 ~ 20 mA Two wire Voltage output : 1 ~ 5 VDC
Supply Voltage	12 ~ 30VDC >150mA	12 ~ 30VDC >150mA
Ambient Temperature	-40 ~ +60°C	-40 ~ +60°C
Housing / Protection	ABS plastic watertight enclosure (IP 65), Probe: SUS304 or SUS316	
Weight	Approx. 190g	
Dimensions	Instrument : Ø90 x 54(H)mm Probe : Ø8 x 150(L)mm ※Length of probe is possible upon request	

*Specifications are subject to change without notice.