



Soil Moisture Transmitter

MTR-730 series

□ IP65 □ CE □ RoHS



Features :

- 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

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 0.0 ~ 100.0% output scale True read : 6.0~56.0% WME
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 sec.	Approx. 3 seconds
Output Moisture Scale : 0~100% Temp. Scale: -40~+60°C	Current output : 4 ~ 20 mA Two wire	Temperature : Current output : 4 ~ 20 mA Two wire Moisture : Current output : 4 ~ 20 mA Two wire
Supply Voltage	12 ~ 40V DC, >150mA	12 ~ 40V DC, >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 : 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.