



# 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
<b>Measuring Range</b>	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)
<b>Accuracy (At 25°C) Reference of Mineral Soils</b>	Moisture : ± 2 %	Temperature : ± 0.4°C Moisture : ± 2%
<b>Long-Term Stability</b>	Better than 1% per year (Typical)	Better than 1% per year (Typical)
<b>Temp. Compensation</b>	± 0.02% / °C (Effect @ 0% RH)	± 0.02% / °C (Effect @ 0% RH)
<b>Response</b>	Approx. 3 seconds	Approx. 3 seconds
<b>Signal output Moisture Scale : 0~100% Temp. Scale: -40~+60°C</b>	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
<b>Supply Voltage</b>	12 ~ 30VDC >150mA	12 ~ 30VDC >150mA
<b>Ambient Temperature</b>	-40 ~ +60°C	-40 ~ +60°C
<b>Housing / Protection</b>	ABS plastic watertight enclosure (IP 65), Probe: SUS304 or SUS316	
<b>Weight</b>	Approx. 190g	
<b>Dimensions</b>	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.