

CMF-N101

Soil Temperature & Moisture Sensor



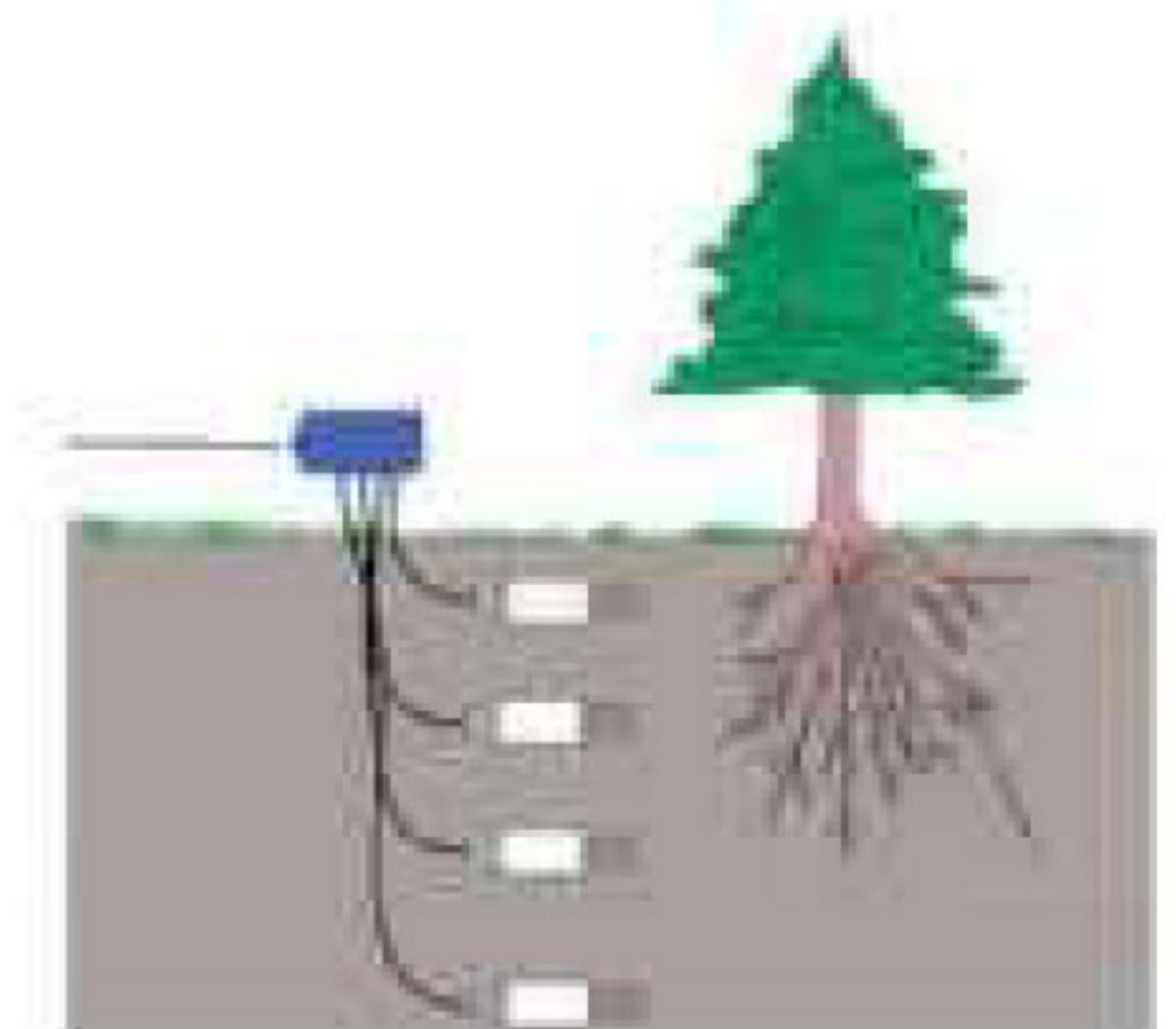
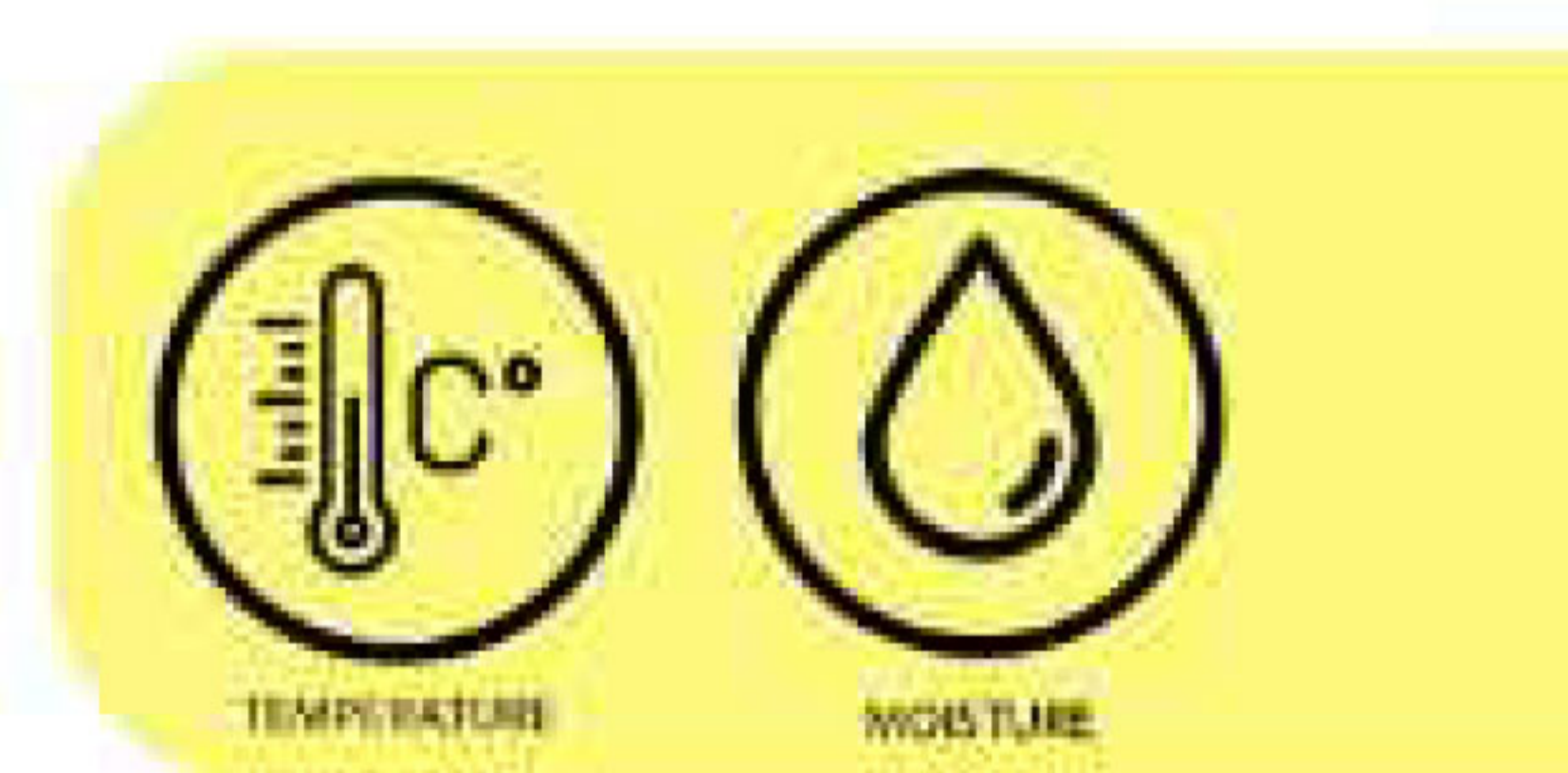
Soil Temperature & Moisture Sensor to integrate the moisture and temperature measurement. The stainless steel probe is inserted into soil surface or soil profile to test soil moisture and temperature quickly. The probe can be permanently embedded underground and be connected to a data logger for unlimited testing.

FEATURES

- High accuracy
- Connect directly to data collector or instrument
- Fully sealed structure
- Placed in any depth underground (800mm, max.)
- Low power design
- Easy Installation

SPECIFICATIONS

Item	Technical Specification	
	Moisture	Temperature
Range	0-100% (m^3/m^3)	-30°C-+70°C
Accuracy	±2%(0-50%)	±0.2°C
Output Signal	4-20mA, 0-2V, 0-5V, 0-10V, RS485 optional	
Response Time	<1s	
Supply	Mark on the label	
Effective measurement area	With the center of the probe diameter is 70mm, high 70mm cylinder	
Housing	ABS	
Dimensions	71*45*16mm (probe:3* Ø3*55mm)	
Operating Temperature	-30°C-+70°C	
Ingress Protection	IP68	
Storage	10-60°C @20%-90%RH	
Probe material	316L stainless steel	



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