

ETOG-55 is a ground sensor for temperature and moisture detection.

The ground sensor **ETOG-55** is designed for embedding into the surface of the outdoor area. The sensor detects both temperature and moisture. The sensor can be mounted where snow and ice problems normally occur.



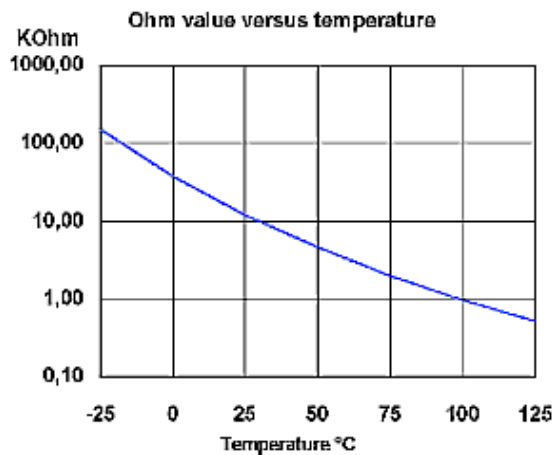
TECHNICAL DATA

Measurement	Moisture and temperature
Installation	Outdoor surface
Temperature range (ambient)	-50°C ... +70°C
Dimensions	32/60 mm
Protection class	IP68

CONNECTION WIRING EXPLANATION

Wire color	Function
Brown	Sensor Heat – 224 Ohm
Green	
Gray	Temperature Sensor – 12 KOhm NTC
Purple	
Yellow	Moist Sensor – Dry > 1MOhm, Wet < 100 KOhm
White	

TEMPERATURE SENSOR CHART



- Sensor for temperature range -30 – +125°C.
- Wide application range, commonly used for normal ambient temperatures.
- Precision +/- 5% Ohms at 25°C, equal to +/- 1,2°C.
RTemp at 25°C = 12 KOhm.
- Sensor cables can be extended up to 200 meters without influence on the reading.

PRODUCT LIST

Type	Temperature range	Stock code
Sensor ETOG-55	-50°C ... +70°C	19122035