

# ETOG-55 Sensor

## Overview

The sensor type ETOG is designed to detect ground temperature and moisture. The stainless steel construction of the sensor provides high mechanical strength as well as resistance to climatic influences.

The ETOG-55 sensor is designed to be placed within the heated area, in a location where the humidity usually lasts the longest (normally the lowest section) in order to still be in contact with water trickling down from the melted snow.



**Outdoor  
Heating**

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# Technical Data

## TECHNICAL DATA

OPERATING VOLTAGE	24V / 2W
IP RATING	IP68 / II
AMBIENT TEMP	-50°C / +70°C
CABLE LENGTH	10m
CABLE EXTENSION SIZE	6 x 1mm <sup>2</sup>
MAX. CABLE RESISTANCE	10Ω (Including any extensions)
DIMENSIONS	32 x 60mm

## SENSOR RESISTANCE VALUES

TEMPERATURE (°C)	-20	-15	-10	-5	0	5	10	15	20
RESISTANCE (kΩ)	98.9	76	58.9	46	36.1	28.6	22.8	18.3	14.8

# WARMUP COMPONENTS

## Additional Components



■ WSM - Snowmelt  
For concrete applications



■ WSM - Snowmelt  
For asphalt applications



■ ETR2-1550 Controller  
Up to 16 Amps



■ ETF-744/99 Sensor  
External air sensor



■ ETOR-55 Sensor  
Gutter sensor



■ ET02-4550 Controller  
Up to 48 Amps

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