

EC Sensor

Electrical Conductivity and Temperature Sensor

TH-EC-001M



Overview

The ES-2 Electrical Conductivity and Temperature Sensor is designed to measure the electrical conductivity of water in a pipe or tank.



General specifications

Working temperature -40 ~ 60 °C
Supply voltage 12 Vdc
Interface SDI-12

Mechanical specifications

Sensor dimensions Ø24 x 109 mm
Cable length 5 m
Weight 300 g
IP rating IP68

Temperature measurement

Range -40 ~ 60 °C
Resolution 0.1 °C
Accuracy ±1 °C

Bulk EC measurement

Range 0 ~ 120 dS/m
Resolution 0.001 dS/m
Accuracy ± 0.01 dS/m or ±10%

