Technical Data

ST2 Temperature Sensor for Soil, Water and Snow



Soiltemperature

The ST2 is an extremely rugged, universal temperature sensor for all kinds of media. Now featuring an extended temperature range of up to +60°C it is suitable for a wide range of installation sites, from snow covered mountains to desert sands. It is compatible to all Adcon RTUs since the year 2000.

Measuring range	-20°C ... +60°C (-4°F ... 140°F)
Accuracy	+/- 0.3°C at 0°C
Measurement depth	30cm (12in) (custom sensors available for any depth from 0-100cm / 0 - 39.4in)
Sensor	Pt 100 / class B
Supply Voltage	5.5V ... 8V
Output signal	0 ... 2.5V
Length overall	45cm (17.7in)
Material	Stainless steel 1.4571
Protection class	IP67
Cable	5m, shielded, PUR coat; first three meters with stainless steel protection
Connector	7-pin Binder jack, male

We reserve the right to make technical changes and improvements without notice. V-29/03/2024
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