



CS225-L
SDI-12 Temperature Sensor String



Rugged Construction

Digital temperature measurements

Overview

The CS225 is a prime example of our commitment to provide the highest-quality monitoring products in the world. Our revamped design, rigorous validation process, and stringent quality standards are all focused on providing the fantastic quality you require to reliably generate data you can trust, even in the harshest of environments. [Learn more about the CS225's quality testing and validation process.](#)

The CS225 temperature string uses multi-point temperature profiles and SDI-12 digital technology for simple integration and reliability. The CS225 consists of an arrangement of temperature sensors mounted in rugged steel-reinforced cable, permitting it to be buried, submerged, or integrated directly into structures. Temperature points are over-molded to provide long-term protection in all mediums. Each CS225 is custom manufactured.

Temperature profiling with the CS225 is suited for a wide variety of applications and environments, including the following:

- › Borehole temperature profiling and borehole ground measurement
- › Measuring geothermal heat gradient
- › Lake stratification and thermal stratification measurement
- › Soil temperature profiles
- › Water temperature profiling
- › Frost heave monitoring
- › Active layer thickness permafrost monitoring and permafrost depth measurement
- › Talik ground temperature
- › Heat flow measurement

Benefits and Features

- › One SDI-12 channel is used to connect all temperature sensors
- › Low power—suitable for remote applications
- › No calibration required
- › Comprehensive measurement range
- › Makes use of the included SGB3 to protect against electrical surges
- › Extremely rugged and thoroughly tested