TruSense
Input Module
TcK-TS

The TruSense Input modules are an I2C based module with memory and the interface to the sensors. When an Input module is connected to a TruSense logger the logger reads the Input Module's memory and this gives the logger all the information on the sensors that may be attached to the module.

The TcK-TS module has a K thermocouple miniature socket that requires a K thermocouple probe to be attached. The module includes the cold junction compensation at the miniature socket.

Specifications

Size
Dimensions	27x17x8mm TcK mini connector only
Weight	50 grams
Material	ABS.

Enviroment
Protection	IP30, indoor use only.
Operating Temp.	-10°C to 70°C
Storage temp.	-20°C to 75°C

TcK
Resolution	0.1°C
Accuracy tolerance	dependent on K type probe
Operating Range	dependent on K type probe

Cold junction compensation
Device	Pt100 class A
Resolution	0.1°C
Operating Range	-10°C to 70°C