

SICRAM thermocouple module for calibrated probe connection

TP471D

Introduction

For temperature measurements where the probe and electronics need to work as one matched setup, this SICRAM module keeps the connection simple and traceable. It supports thermocouple types K/J/E/T/N/R/S/B, giving users flexibility across common thermocouple-based measuring tasks.

The module provides one input via a miniature connector. Probe and module can be calibrated together, with the calibration data stored for the matched combination. This helps users keep the calibration reference close to the measuring setup instead of treating the probe and module as separate, unrelated components.

Features

Thermocouple input

The module provides one input for thermocouple probes via a miniature connector.

Supported thermocouple types

The module supports thermocouple types K, J, E, T, N, R, S and B.

Joint calibration

Probe and module can be calibrated together, creating a matched measuring combination.

Calibration data storage

Calibration data is stored for use with the calibrated probe and module setup.



Broad sensor choice

Use thermocouple types K/J/E/T/N/R/S/B with one SICRAM module.



Matched calibration

Probe and module can be calibrated together as one measuring setup.



Stored calibration

Calibration data is stored for the matched probe and module combination.



Simple connection

One miniature connector provides the thermocouple input.