Inline terminal - IB IL TEMP 2 UTH-XC-PAC - 2701216

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The figure shows the standard item

Inline XC, Temperature measurement terminal, Analog UTH inputs: 2 (Thermocouples or linear voltage), connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, Extreme conditions version, degree of protection: IP20, including Inline connector and labeling field

Product Description

The terminal is designed for use within an Inline station.
This terminal can be used to acquire signals from standard thermocouples.
It supports 13 different types of thermocouples according to DIN EN 60584-1 and DIN 43710, as well as a linear voltage input of -15 mV to +85 mV.
Thanks to special engineering measures and tests, the terminal can be used under extreme ambient conditions.

Your advantages

- 2 differential inputs for thermocouples or linear voltage
- 1 input for an external cold junction, Pt 1000 or Ni 1000
- The channels are parameterized independently of one another via the bus system
- Internal detection and compensation of cold junction temperature (can be parameterized)
- Absolute and differential temperature measurement (can be parameterized)
- Pt 1000 sensor in the vicinity of the connection terminal blocks of the thermocouple inputs for internal measurement of the cold junction temperature
- Measured values can be represented in three different formats
- Can be used under extreme ambient conditions
- Extended temperature range of -40 °C ... +70 °C (see “Tested successfully: use under extreme ambient conditions” in the data sheet)
- Coated PCBs

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 727846
GTIN	4046356727846
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85389099

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Country of origin	Germany

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