

Inline terminal - IB IL TEMP 4/8 RTD-EF-XC-PAC - 2701218

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Inline XC, Temperature measurement terminal, Analog RTD inputs: 8 (for resistance temperature detectors), connection technology: 4-conductor, transmission speed in the local bus: 500 kbps, Extreme conditions version, degree of protection: IP20, including Inline connectors and marking fields

The figure shows the standard item

Product Description

The terminal is designed for use within an Inline station.

This terminal provides an 8-channel input module with three linear resistance ranges for resistance temperature detectors.

The terminal supports all common platinum sensors in accordance with DIN EN 60751 and SAMA, as well as nickel sensors in accordance with DIN 43760.

Cu10, Cu50, and Cu53 sensors as well as KTY81 and KTY84 sensors are also supported.

Communication either takes place via the parameter channel (PCP, all eight measuring channels) or via four process data words (always four channels in multiplex mode).

Your advantages

- ✓ Pt, Ni, Cu, KTY sensor types according to DIN and SAMA
- ✓ Connection of 8 RTD temperature sensors and linear resistors in 4-conductor technology
- ✓ High precision and noise immunity
- ✓ Temperature stability
- ✓ High-resolution temperature and resistance measurement
- ✓ Resistance values can be preset separately via parameterization bits
- ✓ The channels are parameterized independently of one another via the bus system
- ✓ Parameterization of wire-break detection sensitivity (firmware 1.10 or later)
- ✓ Additional representation in float format according to IEEE754
- ✓ Channel scout functionality, for optical channel identification during startup
- ✓ 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



Key Commercial Data

Packing unit	1 pc
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GTIN	 4 046356 728836
GTIN	4046356728836
Weight per Piece (excluding packing)	260.000 g
Custom tariff number	85389091
Country of origin	Germany