

## Inline function terminal - IB IL TEMP 8 UTH/RTD-PAC - 2701000

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Inline analog input terminal, complete with accessories (connector and marking field), 8 channels, TC (thermocouple), RTD (resistance temperature detector), 2 and 3-conductor connection technology

### Product Description

The terminal is designed for use within an Inline station.

This terminal provides an 8-channel input module with two linear resistance ranges for resistance temperature detectors, and a voltage range for thermocouples.

This terminal supports, for example:– Platinum and nickel sensors, e.g., Pt 100, Pt 1000, Ni 100, and Ni 1000 according to EN 60751 and DIN 43760– All standard thermocouples according to EN 60584-1 and DIN 43710

Communication is via the parameter channel (PCP) or via the process data.

### Your advantages

- ✓ 8 temperature sensor inputs
- ✓ 3-conductor connection for resistance temperature detectors (Pt 100, Ni 100, Pt 1000, Ni 1000, and others)
- ✓ 2-conductor connection for thermocouples
- ✓ Internal and external detection and compensation of cold junction temperature (configurable)
- ✓ Individual current input, 1 A for total current transformer for heating current monitoring
- ✓ Scan time: 20 ms (for all channels)
- ✓ Maximum 50 Hz/60 Hz suppression
- ✓ High precision and noise immunity
- ✓ Temperature stability
- ✓ High-resolution temperature, voltage, and resistance measurement
- ✓ Resistance values (R0) can be preset separately by means of parameterization
- ✓ Channels are parameterized independently of one another
- ✓ Diagnostic and status indicators
- ✓ Channel scout functionality, for optical channel identification during startup



### Key Commercial Data

Packing unit	1 pc
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GTIN	 4 046356 673594
GTIN	4046356673594
Weight per Piece (excluding packing)	240.000 g
Custom tariff number	85389099
Country of origin	Germany