

## Inline terminal - IB IL AI/TEMP 4 RTD-PAC - 2897952

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Inline, Analog input terminal, 0 V ... 10 V, degree of protection: IP20, including Inline connectors and marking fields




### Product Description

The terminal is designed for use within an Inline station.

### Your advantages

- Voltage inputs 0 V ... 10 V
- Inputs for temperature measurements
- Connection of sensors in 2-wire technology
- Diagnostic and status indicators

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 331739
GTIN	4046356331739
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85389099
Country of origin	Germany

### Technical data

#### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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#### Dimensions

Width	12.2 mm
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## Technical data

### Dimensions

Height	140.5 mm
Depth	71.5 mm

### Ambient conditions

Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	10 % ... 95 % (according to DIN EN 61131-2)
Permissible humidity (storage/transport)	10 % ... 95 % (according to DIN EN 61131-2)
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP20

### General

Mounting type	DIN rail
Color	green
Net weight	68 g
Note on weight specifications	with connector

### Interfaces

Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kbps
Transmission physics	Copper

### Inline potentials

Designation	Communications power ( $U_L$ )
Current consumption	max. 65 mA

### Analog inputs

Limit frequency (3 dB)	6.6 Hz
Data formats	IB IL, IB ST, standardized representation, S7 compatible
Measured value resolution	16 bits (15 bits + sign bit)
Voltage input signal	0 V ... 10 V
Filtering	None or mean-value generation over 8 or 32 measured values
Linear resistance measuring range	0 $\Omega$ ... 3 k $\Omega$
	0 $\Omega$ ... 300 k $\Omega$
Input filter time	150 ms

### Standards and Regulations

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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### Environmental Product Compliance

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#### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

### Classifications

#### eCl@ss

eCl@ss 10.0.1	27242601
eCl@ss 4.0	27240400
eCl@ss 4.1	27240400
eCl@ss 5.0	27242200
eCl@ss 5.1	27242600
eCl@ss 6.0	27242600
eCl@ss 7.0	27242601
eCl@ss 8.0	27242601
eCl@ss 9.0	27242601

#### ETIM

ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001596
ETIM 6.0	EC001596
ETIM 7.0	EC001596

#### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602