

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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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 Ω ... 3 k Ω
	0 Ω ... 300 k Ω
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