

Inline terminal - IB IL EX-IS TEMP 4 RTD/TC-PAC - 2869913

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Inline intrinsically safe temperature terminal, 4 configurable input channels, complete with accessories




Why buy this product

- Fieldbus-independent diagnostics using FDT/DTM technology
- Module-based electrical isolation
- RTD inputs: Pt 100, etc.
- 2 or 3-wire RTD sensors
- Single-channel diagnostics
- 4 configurable I/O channels
- TC inputs: J, K, E, etc.



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 470179
Weight per Piece (excluding packing)	222.0 g
Custom tariff number	85389091
Country of origin	United States
Note	Made to Order (non-returnable)

Technical data

Note

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

Width	48.8 mm
Height	136.8 mm
Depth	71.5 mm

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Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	10 % ... 95 % (according to DIN EN 61131-2)
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP20

General

Net weight	222 g
Mounting type	DIN rail

Interfaces

Fieldbus system	Lokalbus
Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBit/s

Inline potentials

Communications power U_L	5 V DC (via voltage jumper)
Current consumption from U_L	max. 50 mA

Axioline potentials

Supply of communications power U_L	5 V DC (via voltage jumper)
Current consumption from U_L	max. 50 mA
Sensor supply U_S	8.2 V DC

Analog inputs

Voltage input signal	-15 mV ... 85 mV
Number of inputs	4
Connection method	Inline shield connector
	2, 3-wire
Sensor types (RTD) that can be used	2 and 3-wire, Pt, Ni (DIN 100, 200, 500, 1000)
Sensor types that can be used (TC)	J, K, E, R, S, T
Linear resistance measuring range	0 Ω ... 800 Ω
	0 Ω ... 5000 Ω
Resolution A/D	16 bit (15 bit + sign bit)
Protective circuit	Polarity protection, surge protection
Data formats	IB IL, S7-compatible

Classifications

eCl@ss

eCl@ss 4.0	27240405
eCl@ss 4.1	27240405

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Classifications

eCl@ss

eCl@ss 5.0	27242201
eCl@ss 5.1	27242601
eCl@ss 6.0	27242601
eCl@ss 7.0	27242601

ETIM

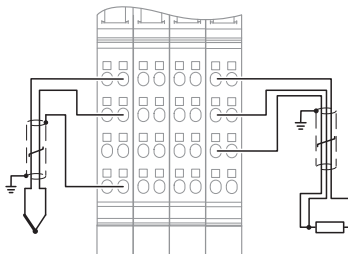
ETIM 3.0	EC001596
ETIM 4.0	EC001596
ETIM 5.0	EC001596

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Drawings

Connection diagram



Dimensioned drawing

