

Inline terminal - IB IL EX-IS AIO 4/EF-PAC - 2869912

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Inline intrinsically safe analog I/O terminal, 4 configurable input/output channels, complete with accessories

Product Features

- ✓ Fieldbus-independent diagnostics using FDT/DTM technology
- ✓ Module-based electrical isolation
- ✓ Output: 0/4 ... 20 mA
- ✓ Input: 0 ... 10 V; 0/4 ... 20 mA
- ✓ 4 configurable I/O channels
- ✓ Single-channel diagnostics



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	300.0 g
Custom tariff number	85389091
Country of origin	United States

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

Ambient conditions

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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

Supply for main circuit U_{Ex}	28 V DC
Current consumption from U_{Ex}	max. 187 mA
Communications power U_L	5 V DC (via voltage jumper)
Current consumption from U_L	max. 50 mA

Analog inputs

Number of inputs	4
Connection method	Inline shield connector
	2, 3-wire
Input name	Analog inputs
Resolution A/D	16 bit (15 bit + sign bit)
Type of protection	Polarity protection, surge protection
Data formats	IB IL, standardized representation, S7 compatible
Current input signal	0 mA ... 20 mA
	4 mA ... 20 mA
Voltage input signal	0 V DC ... 10 V DC
	0 V ... 10 V
Current input signal	0 mA ... 20 mA
	4 mA ... 20 mA

Analog outputs

Number of outputs	4 (Can be configured as input or output)
Connection method	Inline shield connector

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Analog outputs

	2-wire
Type of protection	Polarity protection, surge protection
Data formats	IB IL, standardized representation, S7 compatible
Current output signal	0 mA ... 20 mA
	4 mA ... 20 mA
Load/output load current output	500 Ω

Classifications

eCl@ss

eCl@ss 4.0	27240405
eCl@ss 4.1	27240405
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

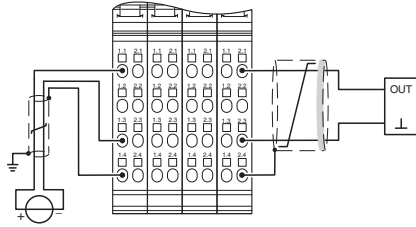
UNSPSC

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

Drawings

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Connection diagram



Dimensional drawing

