

## Inline terminal - IB IL AI 2/4-20-PAC - 2862217

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Terminal with two analog inputs

### Product description

The terminal is designed for use within an Inline station. It serves to measure voltage or current signals.

#### Features

- Two analog single-ended signal inputs for the connection of either voltage or current signals
- Connection of the sensors using the 2 or 3-wire system
- Three current measuring ranges: 0 mA to 20 mA,  $\pm 20$  mA, 4 mA to 20 mA
- Two voltage measuring ranges: 0 V to 10 V,  $\pm 10$  V
- Presetting of both channels to measuring range of 4 mA to 20 mA
- Configuration of the channels independently of one another via INTERBUS
- Measured values can be displayed in four different formats

### Product Features

- 2 analog single-ended signal inputs for the connection of either voltage or current signals
- Connection of sensors in 2 and 3-wire technology
- Current ranges: 0 mA ... 20 mA, 4 mA ... 20 mA,  $\pm 20$  mA
- Measured values can be represented in four different formats
- Voltage ranges: 0 V ... 10 V,  $\pm 10$  V

### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	100.0 GRM
Custom tariff number	85389091
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
Height	136.8 mm

# Inline terminal - IB IL AI 2/4-20-PAC - 2862217

## Technical data

### Dimensions

Depth	71.5 mm
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### Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
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

Weight	47 g
Mounting type	DIN rail
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

### Interfaces

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

### Inline potentials

Communications power $U_L$	7.5 V DC
Current consumption from $U_L$	max. 60 mA
	typ. 45 mA
I/O supply voltage $U_{ANA}$	24 V DC
Current consumption from $U_{ANA}$	max. 18 mA
	typ. 13.5 mA

### Analog inputs

Number of inputs	max. 2 (single ended)
Connection method	Inline shield connector
	2-wire (shielded)
Input name	Analog inputs
Current input signal	0 mA ... 20 mA
	4 mA ... 20 mA
	-20 mA ... 20 mA
Voltage input signal	0 V ... 10 V

## Inline terminal - IB IL AI 2/4-20-PAC - 2862217

### Technical data

#### Analog inputs

	-10 V ... 10 V
Number of inputs	4 (single-ended voltage inputs)
Voltage input signal	0 V ... 10 V
	-10 V ... 10 V
Number of inputs	4 (single-ended current inputs)
Current input signal	0 mA ... 20 mA
	4 mA ... 20 mA
	-20 mA ... 20 mA

### Classifications

#### eCl@ss

eCl@ss 4.0	27250303
eCl@ss 4.1	27250303
eCl@ss 5.0	27250303
eCl@ss 5.1	27242601
eCl@ss 6.0	27242601
eCl@ss 7.0	27242601
eCl@ss 8.0	27242601

#### ETIM

ETIM 2.0	EC001431
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

### Approvals

#### Approvals

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## Inline terminal - IB IL AI 2/4-20-PAC - 2862217

### Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

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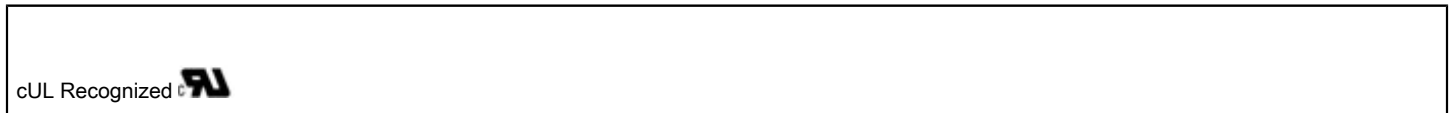
Ex Approvals

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Approvals submitted

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### Approval details



### Accessories

Accessories

Labeling panel

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



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Plug

## Inline terminal - IB IL AI 2/4-20-PAC - 2862217

### Accessories

Inline shield connector - IB IL SCN 6-SHIELD-TWIN - 2740245



Inline shield connector

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Inline shield connector - IB IL SCN-6 SHIELD - 2726353



Inline shield connector

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### Terminal marking

Insert strip - ESL 62X10 - 0809492



Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, Plotter: Laser printer, Mounting type: Insert, Lettering field: 62 x 10 mm

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