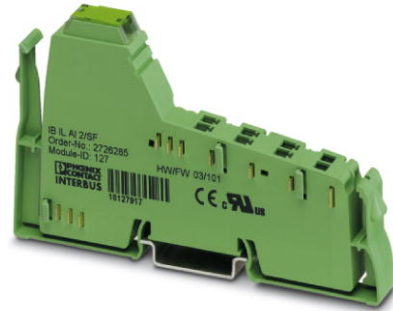



**IB IL AI 2/4-20**

Order No.: 2860442

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2860442>

INTERBUS Inline terminal with two analog input channels

**Commercial data**

GTIN (EAN)	 4 017918 877507
Note	Made-to-order
sales group	K412
Pack	1 pcs.
Customs tariff	85389091

**Product notes**WEEE/RoHS-compliant since:  
04/23/2007

<http://www.download.phoenixcontact.com>  
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**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

#### Technical data

##### General data

Width	12.2 mm
Height	119.8 mm
Depth	71.5 mm
Weight	47 g
Mounting type	DIN rail
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
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

##### Interface

Name	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBaud
	500 kBaud
Transmission physics	Copper

##### Inline potential routing

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)
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Connection method	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
	-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

#### Certificates / Approvals



Certification CUL, UL

#### Accessories

Item	Designation	Description
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#### Marking

0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm

#### Plug/Adapter

2740245	IB IL SCN 6-SHIELD-TWIN	Inline shield connector
2726353	IB IL SCN-6 SHIELD	Inline shield connector

**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



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