

## Excellent Integrated System Limited

Stocking Distributor

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Extract from the online catalog


## IB IL INC-IN-PAC

Order No.: 2861755



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2861755>

Inline measurement terminal for position encoder, complete with accessories (connector and labeling field), 1 input for incremental encoder with rectangular signal (symmetrical or asymmetrical), 3 digital inputs 24 V DC, 3-conductor connection system

Commercial data	
GTIN (EAN)	 4 017918 899912
sales group	K413
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 303 (AX-2009)

### Product notes

WEEE/RoHS-compliant since:  
12/12/2008



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

Interfaces	
Interface	Inline local bus
Type of connection	Inline data jumper

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**Power supply**

Typical current consumption	70 mA
I/O voltage	24 V AC (via voltage jumper)
Encoder supply voltage	5 V DC
	24 V DC
Encoder supply current	max. 250 mA
Drawing encoder supply voltage	Main circuit $U_M$

**Electrical isolation**

Test section	7.5 V supply (bus logics), I/O 500 V AC 50 Hz 1 min
	7.5 V supply (bus logics), functional earth ground 500 V AC 50 Hz 1 min
	24 V supply (I/O) / functional earth ground 500 V AC 50 Hz 1 min

**Incremental encoder input**

Number of inputs	1
Input frequency (24 V)	0 Hz ... 300 kHz
Input frequency (5 V)	0 kHz ... 300 kHz
Encoder signals	Symmetrical and asymmetrical encoders

**Inputs**

Number of inputs	3
Connection method	3-conductor

**General data**

Weight	143 g
Width	24.4 mm
Height	140.5 mm
Depth	71.5 mm

**Inline potential routing**

Communications power $U_L$	7.5 V (via voltage jumper)
Current consumption from $U_L$	max. 70 mA
Current consumption from $U_M$	max. 1 A
	Typ. 340 mA

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**Certificates / Approvals**



Certification

CUL Listed, GOST, UL Listed

**Accessories**

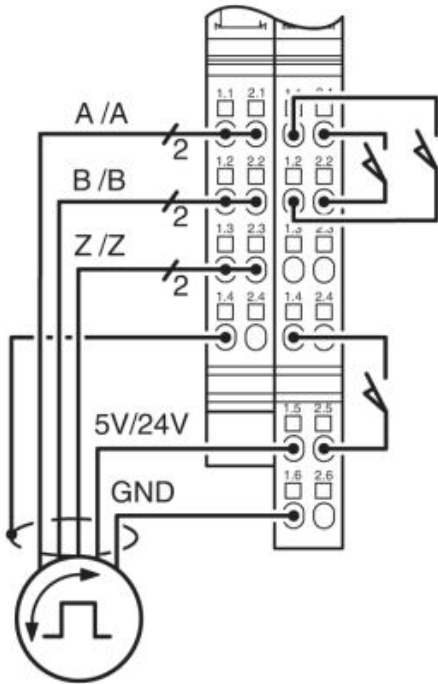
Item	Designation	Description
<b>Marking</b>		
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm
<b>Plug/Adapter</b>		
2727611	IB IL SCN-12-ICP	Connector, color coded, for digital 4, or 16-channel Inline input terminals
2726353	IB IL SCN-6 SHIELD	Inline shield connector

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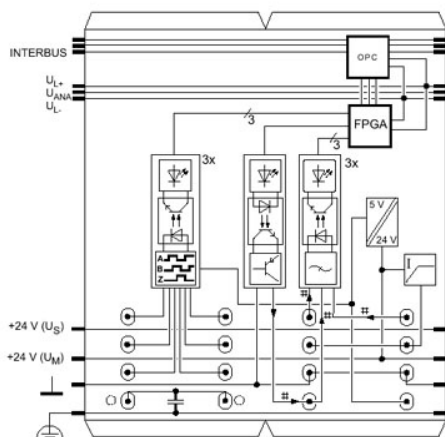
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2861755>

**Diagrams/Drawings**

Connection diagram



Block diagram



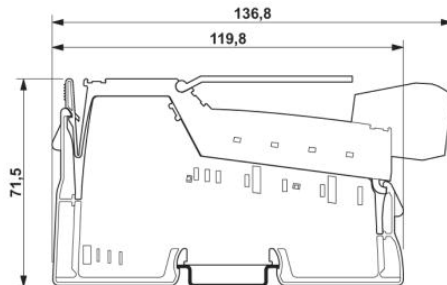
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Dimensioned drawing

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