INDUSTRIAL COMPONENT DATA

IB IL AI 8/SF-PAC 2861412 PHOENIX CONTACT Inline terminal

Brand: PHOENIX CONTACT | Manufacturer Part Number: IB IL AI 8/SF-PAC



Manufacturer	PHOENIX CONTACT
MPN / Reference	IB IL AI 8/SF-PAC
Catalog number	2861412
Category	Fieldbus, decentr. periphery - analogue I/O module
Minimum order	1 Pcs
Document ID	EO-FD3F42A2DE
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Product Overview

Inline terminal
Inline, Analog Input Module, Analog Inputs: 8, 0 V ... 5 V, -5 V ... 5 V, 0 V ... 10 V, -10 V ... 10 V, 0 V ... 25 V, -25 V ... 25 V, 0 V ... 50 V, 0 mA... 20 mA, 4 mA... 20 mA, -20 mA... 20 mA, 0 mA... 40 mA, -40 mA... 40 mA, connection technology: 2 conductors, transmission rate on the local bus: 500 kBit/s, protection rating: IP20, including inline connectors and marking fields

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > I/O

Additional Product Information

Technical dataDimensionsDimensional drawing
Width 48.8 mm
Height 136.8 mm
Depth 71.5 mm
Note on dimensions Housing dimensions
NotesNote on application
Note on application Only for industrial use
Utilization restriction
CCCex note Use in potentially explosive areas is not permitted in China.
InterfacesInline local bus
Connection method Inline data jumper
Transmission speed 500 kbps

Transmission physics Copper
System propertiesModule
ID code (dec.) 95
ID code (hex) 5F
Length code (hex) 02
Length code (dec) 02
Process data channel 32 bit
Input address area 4 Byte
Output address area 4 Byte
Register length 32 bit
Required parameter data 6 Byte
Required configuration data 5 Byte
Input dataAnalog: General
Input name Analog inputs
Description of the input Single-ended inputs, voltage or current
Number of inputs 8
A/D conversion time approx. 10 µs
A/D converter resolution 16 bit
Connection method Inline shield connector
Connection technology 2-conductor
Note regarding the connection technology shielded
Current input signal 0 mA ... 20 mA
4 mA ... 20 mA
-20 mA ... 20 mA
0 mA ... 40 mA
-40 mA ... 40 mA
Input resistance current input 25 ? (Shunt)
Voltage input signal 0 V ... 5 V
-5 V ... 5 V
0 V ... 10 V
-10 V ... 10 V
0 V ... 25 V
-25 V ... 25 V
0 V ... 50 V
Input resistance of voltage input > 240 k?
Data formats IB IL, IB ST, IB RT, standardized representation, PIO format
Filtering 1st order low pass
Limit frequency (3 dB) 3.5 kHz
Measuring principle Successive approximation
Measured...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IB IL AI 8/SF-PAC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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