INDUSTRIAL COMPONENT DATA

IB IL AI 2/SF-PAC 2861302 PHOENIX CONTACT Inline terminal

Brand: PHOENIX CONTACT | Manufacturer Part Number: IB IL AI 2/SF-PAC



Manufacturer	PHOENIX CONTACT
MPN / Reference	IB IL AI 2/SF-PAC
Catalog number	2861302
Category	Fieldbus, decentr. periphery - analogue I/O module
Minimum order	1 Pcs
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Product Overview

Inline terminal
Inline, Analog input module, Analog inputs: 2, 0 V ... 10 V, -10 V ... 10 V, 0 mA... 20 mA, 4 mA... 20 mA, -20 mA... 20 mA, connection technology: 2 conductors, transmission rate on local bus: 500 kBit/s, protection rating: IP20, including inline connector and marking surface
Inline, Analog input terminal, Analog inputs: 2, 0 V ... 10 V, -10 V ... 10 V, 0 mA ... 20 mA, 4 mA ... 20 mA, -20 mA ... 20 mA, connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

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 12.2 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

Number of interfaces 2
Connection method Inline data jumper
Transmission speed 500 kbps
System propertiesModule
ID code (dec.) 127
ID code (hex) 7F
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 4 Byte
Input dataAnalog: General
Input name Analog inputs
Description of the input Single-ended inputs, voltage or current
Number of inputs 2
A/D conversion time typ. 120 µs (per channel)
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
Input resistance current input 50 ? (Shunt)
Voltage input signal 0 V ... 10 V
-10 V ... 10 V
Input resistance of voltage input > 220 k?
Data formats IB IL, IB ST, IB RT, standardized representation
Limit frequency (3 dB) 40 Hz
Common mode voltage range signal - ground 40 V (Between current input and functional ground)
40 V (between voltage input and functional ground)
Measuring principle Successive approximation
Measured value resolution 16....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IB IL AI 2/SF-PAC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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