

**INDUSTRIAL COMPONENT DATA**

# IB IL AI 2/SF-ME 2863944 PHOENIX CONTACT Inline ME terminal

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



|                 |                                                    |
|-----------------|----------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                    |
| MPN / Reference | IB IL AI 2/SF-ME                                   |
| Catalog number  | 2863944                                            |
| Category        | Fieldbus, decentr. periphery - analogue I/O module |
| Minimum order   | 1 Pcs                                              |
| Document ID     | EO-9DB79F0FC4                                      |
| Generated       | 2026-07-29                                         |

## Product Overview

Inline ME 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

**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 &gt; I/O

## Additional Product Information

Key Commercial Data

Orderkey 2863944

Packing unit 1 pc

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GTIN 4017918962654

Weight per Piece (excluding packing) 86.200 g

Custom tariff number 85389091

Country of origin DE (Germany)

Note

Utilization restriction 1

Dimensions

Dimensional drawing

Width 12.2 mm

Height 119.8 mm

Depth 71.5 mm

Note on dimensions Housing dimensions

Ambient conditions

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

Ambient temperature (storage/transport) -25 °C ... 85 °C

Permissible humidity (operation) 10 % ... 95 % (non-condensing)

Permissible humidity (storage/transport) 10 % ... 95 % (non-condensing)

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

Mounting type DIN rail

Net weight 86.2 g

Note on weight specifications with connector

Operating mode Process data operation with 2 words

Diagnostics messages Failure of the internal I/O supply Yes

Peripheral fault Error message in the process data

User error Error message in the process data

Interfaces

Designation Inline local bus

No. of channels 2

Connection method Inline data jumper

Transmission speed 500 kbps

Inline potentials

Designation Communications power (UL)

Supply voltage 7.5 V DC (via voltage jumper)

Current consumption typ. 45 mA

max. 60 mA

Designation Supply of analog modules (UANA)

Supply voltage 24 V DC (via voltage jumper)

Supply voltage range 19.2 V DC ... 30 V D...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IB IL AI 2/SF-ME with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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