

Inline ME terminal - IB IL AO 2/U/BP-ME - 2863957

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Inline analog output terminal, Inline ME variants (Machine Edition) complete with accessories (plug and labeling field), 2 outputs, 0 - 10 V, ± 10 V, 2-conductor connection system




Why buy this product

- ✓ Connection of sensors in 2 or 3-wire technology



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 962647
Weight per Piece (excluding packing)	83.9 g
Custom tariff number	85389091
Country of origin	Germany

Technical data

Note:

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	12.2 mm
Height	119.8 mm
Depth	71.5 mm

Ambient conditions

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

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Technical data

General

Weight	48 g
Mounting type	DIN rail
Protection class	III, IEC 61140, EN 61140, VDE 0140-1
Test section	7.5 V supply (bus logic), 24 V supply U_{ANA} / I/O 500 V AC 50 Hz 1 min
	7.5 V supply (bus logic), 24 V supply U_{ANA} /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

Interfaces

Name	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBit/s
Transmission physics	Copper

Inline potentials

Communications power U_L	7.5 V DC (via voltage jumper)
Current consumption from U_L	max. 40 mA
	typ. 33 mA
I/O supply voltage U_{ANA}	24 V DC
Current consumption from U_{ANA}	max. 35 mA
	typ. 25 mA

Analog outputs

Number of outputs	2
Connection method	2-wire
Output name	Analog outputs
Data formats	IL, IB ST
Representation of output values	13 bits (12 bits + sign)
Process data update	< 1 ms
Voltage output signal	0 V ... 10 V
	-10 V ... 10 V
Load/output load voltage output	> 2 k Ω 0.02 %
	typ. 0.02 % (of output range final value)

Classifications

eCl@ss

eCl@ss 4.0	27250303
eCl@ss 4.1	27250303
eCl@ss 5.0	27250303
eCl@ss 5.1	27242601
eCl@ss 6.0	27242601

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Classifications

eCl@ss

eCl@ss 7.0	27242601
eCl@ss 8.0	27242601

ETIM

ETIM 2.0	EC001431
ETIM 3.0	EC001596
ETIM 4.0	EC001596
ETIM 5.0	EC001596

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals

Approvals


UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approvals submitted

Approval details

UL Recognized 

cUL Recognized 

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Approvals

cULus Recognized  US

Accessories

Accessories

Labeling panel

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



Terminal marking

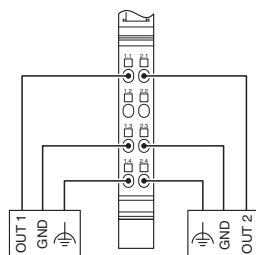
Insert strip - ESL 62X10 - 0809492

Insert strip, Sheet, white, Unlabeled, Can be labeled with: Office printing systems, Plotter: Laser printer, Mounting type: Insert, Lettering field: 62 x 10 mm



Drawings

Connection diagram



Dimensioned drawing

