

Inline function terminal - IB IL IMPULSE-IN-2MBD-PAC - 2819804

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Inline measurement terminal for position encoder, complete with accessories (connector and labeling field), 1 input for inductive length measuring scales with the impulse interface (P interface), transmission speed 2 Mbaud

Why buy this product

- Encoder supply: 24 V DC
- Diagnostic and status indicators



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 123075
Weight per Piece (excluding packing)	71.0 g
Custom tariff number	85389091
Country of origin	Germany
Note	Made to Order (non-returnable)

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	135 mm
Depth	71.5 mm

Interfaces

Interface	Inline local bus
Connection method	Inline data jumper

Power supply

Encoder supply voltage	24 V
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Technical data

Power supply

Encoder supply current	max. 250 mA
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Absolute encoder input

Number of inputs	1
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Inputs

Type of connection of signals	INIT, /INIT, START-STOP, /START-STOP
Signal voltage level	0.5 V, maximum ± 6.0 V
Common mode voltage range signal - ground	-10 V ... 13.2 V
Length measuring range	> 0 mm ... 3850 mm (Resolution: 5 μ m)
Ultra-sound speed (gradient)	2500.00 m/s ... 2999.99 m/s (Firmware 1.22 and higher)
	2750.00 m/s ... 2898.00 m/s (Firmware 1.21 and higher)

General

Weight	71 g
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Inline potentials

Communications power U_L	7.5 V
Current consumption from U_L	max. 100 mA
Main circuit supply U_M	typ. 24 V DC
Current consumption from U_M	max. 250 mA (Short-circuit and overload protection)

Classifications

eCl@ss

eCl@ss 4.0	27250302
eCl@ss 4.1	27250304
eCl@ss 5.0	27250304
eCl@ss 5.1	27242605
eCl@ss 6.0	27242605
eCl@ss 7.0	27242605

ETIM

ETIM 2.0	EC001433
ETIM 3.0	EC001601
ETIM 4.0	EC001601
ETIM 5.0	EC001601

UNSPSC

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

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Classifications

UNSPSC

UNSPSC 13.2	43201404
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Accessories

Accessories

Labeling panel

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Marker pen - X-PEN 0,35 - 0811228



Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

Plug

Inline shield connector - IB IL SCN-6 SHIELD - 2726353



Inline shield connector

Terminal marking

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Accessories

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



Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710

Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm



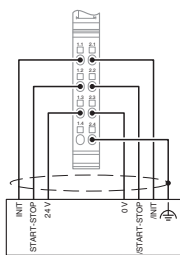
Flat zack marker sheet - ZBFM 6/WH:UNBEDRUCKT - 0803618

Flat zack marker sheet, Sheet, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5 x 5.5 mm



Drawings

Connection diagram



Dimensioned drawing

