

Inline function terminal - IB IL INC-IN-PAC - 2861755

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Inline measurement terminal for position encoder, complete with accessories (connector and labeling field), 1 input for incremental encoder with rectangular signal (symmetrical or asymmetrical), 3 digital inputs 24 V DC, 3-conductor connection system

Product Description

The terminal is designed for use within an Inline station.

It is used for detecting positions, lengths, or angle positions with incremental value encoders.

Both symmetrical (RS-422) and asymmetrical (5 V DC to 24 V DC) encoders with rectangular signals can be connected to the terminal block. Rotary transducers or length measurement systems can be read in with or without a Z pulse.

In order to increase the operational safety, all encoder inputs are monitored for cable breaks. Using a special operating mode, the terminal supports distance coded incremental encoders, with which the homing run can be reduced to very short distances.

In addition to the input for the encoder signals, the terminal also has three digital 24 V DC inputs, one input for the home position switch, and two inputs for limit position switches. Thus 2 or 3-conductor sensors can be connected. Input I3 can also be used as an "open collector" output.

Your advantages

- ✓ Supports incremental encoders with symmetrical signals in accordance with EIA standard RS-422 (line driver)
- ✓ Supports incremental encoder with asymmetrical signals (push-pull)
- ✓ Supplies encoder with 5 V or 24 V voltage
- ✓ Three digital inputs for connecting two limit switches or a home position switch
- ✓ Maximum input frequency of 300 kHz
- ✓ 25-bit actual position value
- ✓ Precise evaluation via 1x, 2x, or 4x sampling
- ✓ Direction of rotation indicator via LED

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 899912
GTIN	4017918899912
Weight per Piece (excluding packing)	193.200 g
Custom tariff number	85389091

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Country of origin	Germany
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