

IB L2 BOX AI 2/2 M12 - I/O module



2731908

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Analog input module, 2 analog inputs, 0 - 10 V, 2 - 10 V, 0 - 20 mA, 4 - 20 mA, 2-conductor connection technology, IP65/IP67 degree of protection

Product description

Like their digital counterparts, the analog input modules have also been designed with IP67 protection and for use directly on the machine. They allow nearly all analog standard signals that are used in mechanical engineering to be linked to INTERBUS. The two-channel analog input module can detect voltage and current signals (0 - 10 V, 0 - 20 mA, 4 - 20 mA) and process them with a resolution of 12 bits.

Another module is designed for the detection of temperatures. All conventional resistance thermometers (RTD) and thermocouples (TC) can be connected to this module. The module also has two channels and a resolution of 16 bits.

All analog sensors are connected with common M12 connectors. The module is linked to INTERBUS Loop 2 like the supply voltage, using the QUICKON fast connection system.

Commercial data

Item number	2731908
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN16
Product key	DRIA34
GTIN	4017918171407
Weight per piece (including packing)	198.4 g
Weight per piece (excluding packing)	198.4 g
Customs tariff number	85371099
Country of origin	DE

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Technical data

Electrical properties

Maximum power dissipation for nominal condition	1.44 W
Test section	I/O voltage/functional ground 500 V AC 50 Hz 1 min

Supply

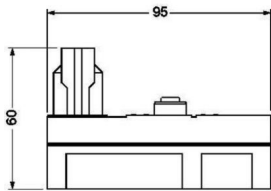
I/O voltage	± 24 V DC 5 % (ripple)
I/O voltage range	19.2 V DC ... 30 V DC
Max. current consumption	110 mA (from INTERBUS-Loop 2)
Typical current consumption	60 mA (from INTERBUS-Loop 2)

Interfaces

INTERBUS-Loop 2

Connection method	QUICKON fast connection
Transmission physics	Copper

Dimensions

Dimensional drawing	
Width	62 mm
Height	60 mm
Length	95 mm

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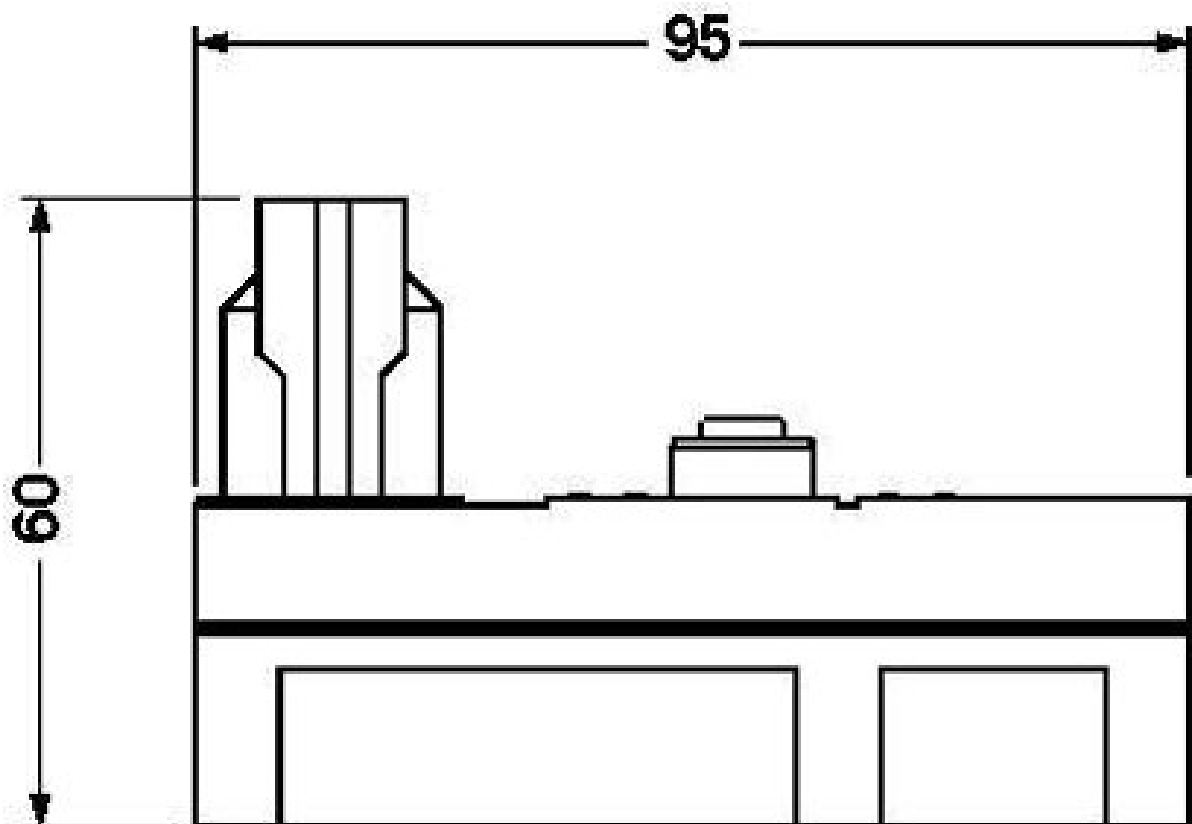
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Drawings

Dimensional drawing



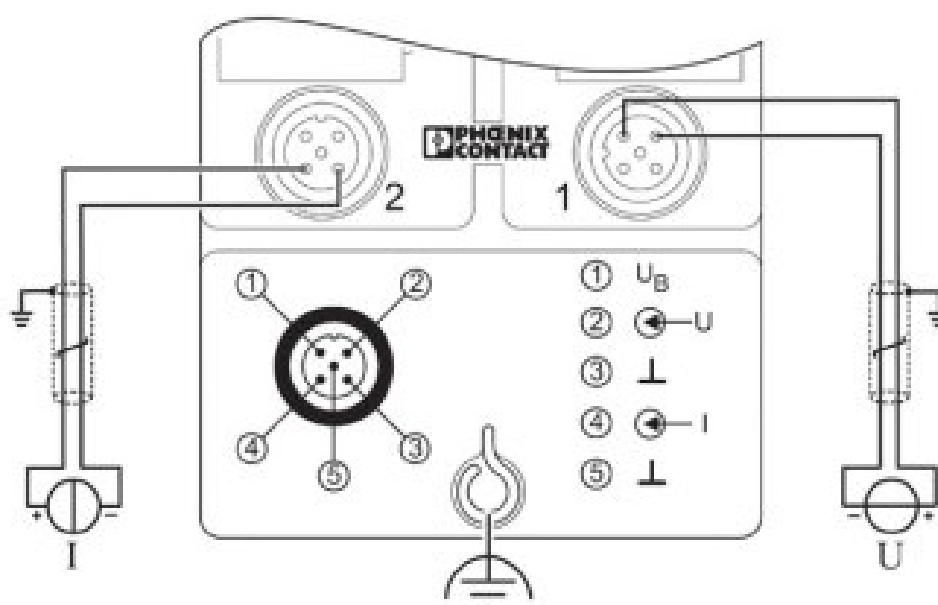
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Connection diagram



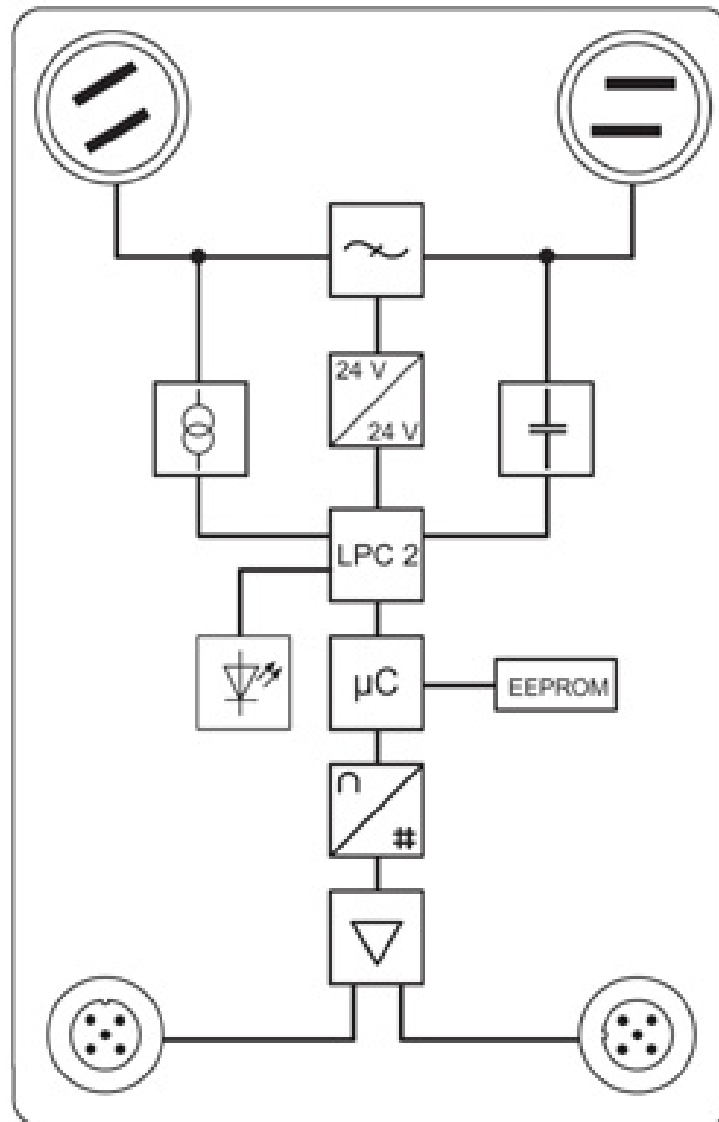
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Block diagram



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Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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