

2736013

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The stand-alone device for INTERBUS has 8 digital inputs. The M12 connection is established using fast connection technology. The 24 V DC supply is protected against short circuit and overload. The nominal current of the device is 600 mA.

## Product description

This device is used for digital signal acquisition.

## Your advantages

- · Consistent connection via M12 connectors
- · Diagnostic and status indicators
- · SPEEDCON fast locking system
- · Short-circuit and overload protection
- · Flexible power supply concept

#### Commercial data

Item number	2736013
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DRI
Product key	DRI4A1
Catalog page	Page 236 (C-6-2017)
GTIN	4017918899639
Weight per piece (including packing)	335.1 g
Weight per piece (excluding packing)	310 g
Customs tariff number	85176200
Country of origin	DE



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## Technical data

#### **Dimensions**

Dimensional drawing	
Width	60 mm
Height	161 mm
Depth	44.5 mm
Drill hole spacing	151 mm

#### Interfaces

#### **INTERBUS**

Connection method	2x M12 connectors, B-coded
Designation connection point	Copper cable
Number of positions	5
Transmission speed	500 kbps

## System properties

#### System limits

Number of local bus devices that can be connected	0
Number of devices with parameter channel	0
Module	

ID code (dec.)	2
ID code (hex)	02
Length code (hex)	81
Length code (dec)	129
Process data channel	0 bit
Input address area	8 bit
Output address area	0 bit
Register length	8 bit

## Input data

#### Digital

Digital	
Input name	Digital inputs
Description of the input	IEC 61131-2 type 1
Number of inputs	8
Connection method	M12 connector
Connection technology	2-, 3-, 4-conductor
Input voltage	24 V DC
Input voltage range "0" signal	-30 V DC 5 V DC



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Test voltage: 24 V supply (bus logics) / Outgoing remote bus  500 V AC, 50 Hz, 1 s  Test voltage: Digital inputs (sensor supply / I/O) / FE  500 V AC, 50 Hz, 1 s  Test voltage: Digital inputs (sensor supply / I/O) / Incoming remote bus  Test voltage: Digital inputs (sensor supply / I/O) / Outgoing 500 V AC, 50 Hz, 1 s  Test voltage: Digital inputs (sensor supply / I/O) / Outgoing 500 V AC, 50 Hz, 1 s  Test voltage: Incoming remote bus / FE  500 V AC, 50 Hz, 1 s		500 V AC, 50 Hz, 1 s
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Test voltage: Digital inputs (sensor supply / I/O) / Incoming remote bus  Test voltage: Digital inputs (sensor supply / I/O) / Outgoing remote bus  Test voltage: Incoming remote bus / FE  500 V AC, 50 Hz, 1 s	Test voltage: 24 V supply (bus logics) / Outgoing remote bus	500 V AC, 50 Hz, 1 s
remote bus  Test voltage: Digital inputs (sensor supply / I/O) / Outgoing remote bus  Test voltage: Incoming remote bus / FE  500 V AC, 50 Hz, 1 s	Test voltage: Digital inputs (sensor supply / I/O) / FE	500 V AC, 50 Hz, 1 s
remote bus  Test voltage: Incoming remote bus / FE 500 V AC, 50 Hz, 1 s		500 V AC, 50 Hz, 1 s
		500 V AC, 50 Hz, 1 s
Test voltage: Incoming remote bus / Outgoing remote bus 500 V AC, 50 Hz, 1 s	Test voltage: Incoming remote bus / FE	500 V AC, 50 Hz, 1 s
	Test voltage: Incoming remote bus / Outgoing remote bus	500 V AC, 50 Hz, 1 s
Test voltage: Outgoing remote bus / FE 500 V AC, 50 Hz, 1 s	Test voltage: Outgoing remote bus / FE	500 V AC, 50 Hz, 1 s
on data	ection method	



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## Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-25 °C 60 °C
Degree of protection	IP65/IP67
Air pressure (operation)	80 kPa 106 kPa (up to 2000 m above sea level)
Air pressure (storage/transport)	70 kPa 106 kPa (up to 3000 m above sea level)
Ambient temperature (storage/transport)	-25 °C 85 °C
Permissible humidity (storage/transport)	95 %

## Standards and regulations

## Mounting

Mounting type	Wall mounting
	Train mounting



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# Drawings

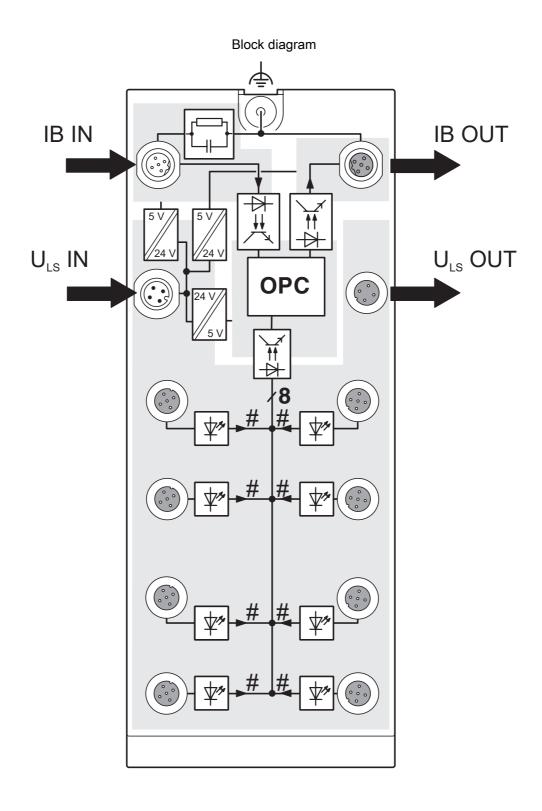
# Dimensional drawing

Dimensions of the module



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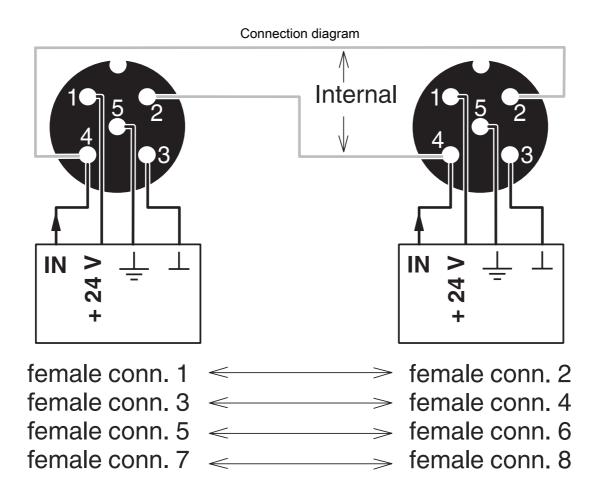
https://www.phoenixcontact.com/in/products/2736013



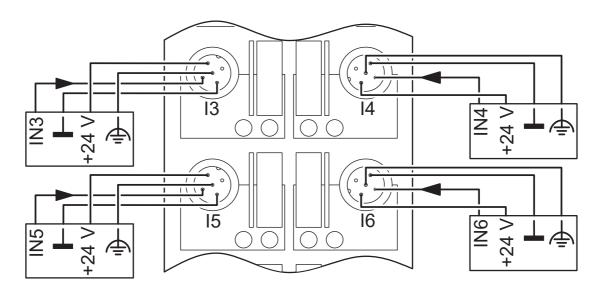


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#### Connection diagram





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# Classifications

#### **UNSPSC**

UNSPSC 21.0 32151602



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## Environmental product compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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