



I/O hub

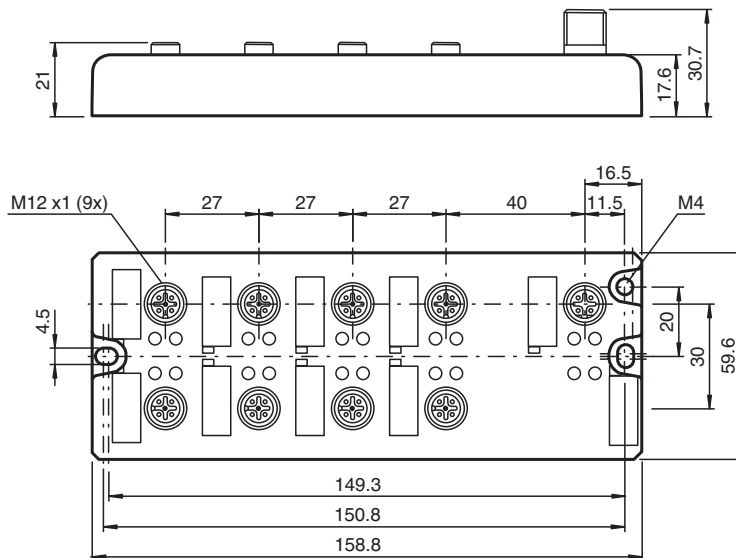
ICA-16DI-G60A-IO

- Sturdy metallic housing
- IO-Link interface for service and process data
- 16 digital inputs
- Logic level can be configured per port
- Filter time can be configured per port
- Pulse extension can be configured per port

I/O hub with IO-Link interface for 16 digital inputs



Dimensions



Technical Data

General specifications

UL File Number E223772

Functional safety related parameters

MTTF_d 2111 a

Indicators/operating means

LED IO-Link
 Green: module is switched on, no communication
 Flashing green: communication OK
 Red: signal line overload

LED A
 Orange: status indicator channel A
 Red: peripheral error

LED B
 White: status indicator channel B
 Red: peripheral error

LED U_S
 Green: system/sensor supply voltage OK
 Red: system/sensor supply voltage < 18 V
 Flashing red: sensor supply voltage overload

Electrical specifications

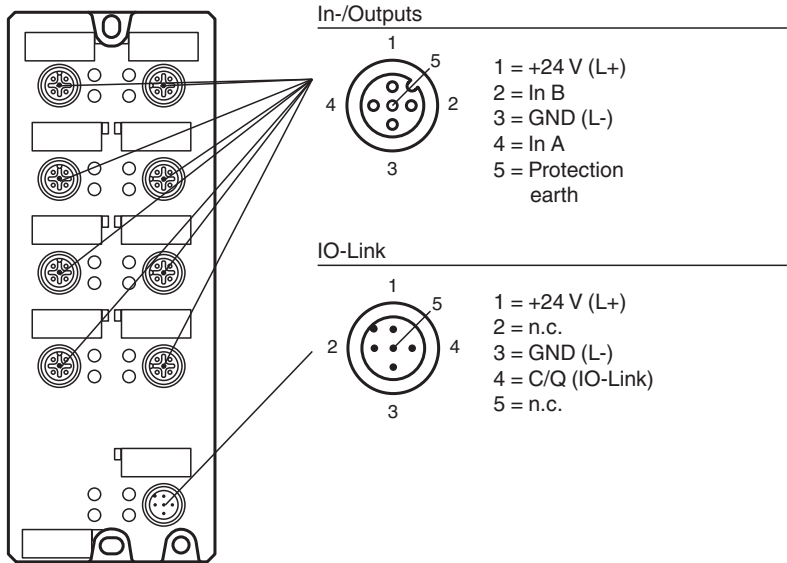
Rated operating voltage U_e 18 ... 30 V

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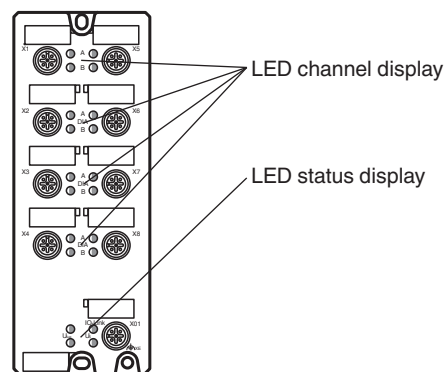
Technical Data

Nominal voltage	24 V DC
Nominal current	4 A
Current consumption	typ. 80 mA
Interface	
Interface type	IO-Link
IO-Link revision	1.1
Device profile	Identification and Diagnosis - I&D
Device ID	0x0F0201 (983553)
Transfer rate	COM3 (230.4 kbits/s)
Min. cycle time	2 ms
Process data width	Input 4 Byte Output 4 Byte
SIO mode support	no
Compatible master port type	A
Input	
Number/Type	16 digital inputs 5-wire PNP, DC, supply from U _S Type 1 according to IEC 61131-2
Sensor supply	Depending on the IO-Link master, max. 500 mA per module
Directive conformity	
Electromagnetic compatibility	
Directive 2014/30/EU	EN 61000-6-2:2005, EN 61000-6-4:2007+A1:2011
Standard conformity	
Degree of protection	EN 60529:2000
Fieldbus standard	Type 1 according to IEC 61131-2
Emitted interference	EN 61000-6-2:2005
Noise immunity	EN 61000-6-4:2007+A1:2011
Shock resistance	EN 61131-2:2004
Ambient conditions	
Ambient temperature	-20 ... 70 °C (-4 ... 158 °F)
Storage temperature	-40 ... 70 °C (-40 ... 158 °F)
Relative humidity	max. 95 %
Altitude	0 ... 2000 m
Shock and impact resistance	50 g, 11 ms, all axes
Vibration resistance	15 g / 5 ... 500 Hz
Pollution degree	3
Mechanical specifications	
Degree of protection	IP65/IP67/IP69K
Connection	Power supply/IO-Link M12, A-coded Inputs/Outputs M12, A-coded
Material	
Contacts	CuSn, gold-plated CuNi, gold-plated
Housing	Diecast zinc
Plastic parts	PA
Seal	FKM
Mass	390 g
Dimensions	
Height	200 mm
Width	59.6 mm
Length	21 mm
Construction type	Field housing

Connection



Assembly



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