

Distributed I/O device - FLX ASI DI 4 M12 - 2773429

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AS-i digital input module, AB slave, 4 digital inputs, 24 V DC, 2, 3 and 4-conductor connection method, IP67 protection

Product Description

The digital Fieldline M12 AS-Interface input modules with IP67 housing protection make it possible to connect digital sensors to the AS-i using M12 plugs using the SPEEDCON connection method.

The modules are connected to AS-i using the flat-ribbon cable cable penetration technique.

Your advantages

- Tool-free connection to AS-Interface using penetration technique
- M12 connection technology with SPEEDCON fast locking system for the I/Os
- Optimized for direct mounting and DIN rail mounting



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356156608

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	58 mm
Height	118 mm
Depth	35 mm
Drill hole spacing	108 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C
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Technical data

Ambient conditions

Ambient temperature (storage/transport)	-25 °C ... 85 °C
Degree of protection	IP65/IP67

Interfaces

Designation	AS-Interface
Connection method	Flat-ribbon cable penetration technique
Designation connection point	AS-i
Transmission speed	167 kbps
Number of positions	2

AS-Interface

Slave type	A/B slave
AS-i specification	2.1
IO code	0
ID1 code	7
ID2 code	2
ID code (hex)	A
ID code (dec.)	10
AS-i profile	S-0.A.2
Required master specification	>= 2.0

Digital inputs

Input name	Digital inputs
Description of the input	IEC 61131-2 Type 2
Connection method	M12 connector
Connection technology	2, 3-wire
Number of inputs	4
Delay at signal change from 0 to 1	2 ms
Delay at signal change from 1 to 0	2 ms

General

Mounting type	Wall mounting
Color	black
Net weight	195 g
Mounting type	Screw on directly or on DIN rail
Mounting position	any

Standards and Regulations

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e

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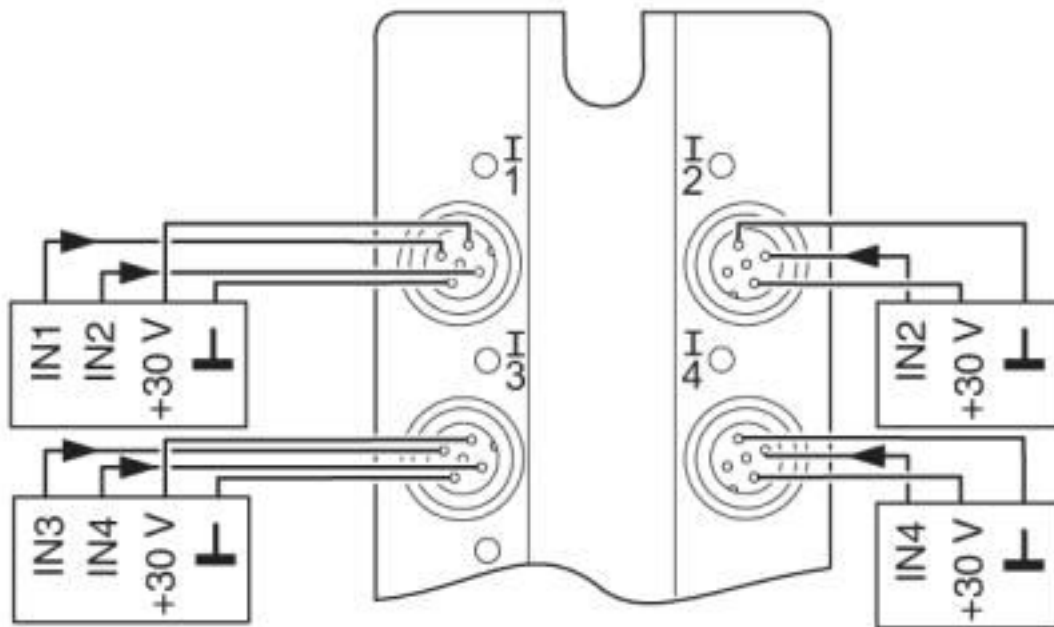
Technical data

Environmental Product Compliance

	No hazardous substances above threshold values
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Drawings

Connection diagram



Classifications

eCl@ss

eCl@ss 10.0.1	27242604
eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27250300
eCl@ss 5.1	27242600
eCl@ss 6.0	27242600
eCl@ss 7.0	27242604
eCl@ss 8.0	27242604
eCl@ss 9.0	27242604

ETIM

ETIM 2.0	EC001430
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599
ETIM 6.0	EC001599

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Classifications

ETIM

ETIM 7.0	EC001599
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UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

Approvals

Approvals

Approvals

UL Listed / cUL Listed / ASI-Interface / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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ASI-Interface			80901/ 06.11.07
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EAC			EAC-Zulassung
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Approvals

cULus Listed



Accessories

Accessories

Addressing device

Manual addressing device - ASI CC ADR - 2741338



Manual addressing device, for AS-i modules

Data cable by the meter

Flat-ribbon conductor - VS-ASI-FC-EPDM-YE 100M - 1432402



AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm², 100 m ring

Flat-ribbon conductor - VS-ASI-FC-EPDM-YE 1000M - 1434646



AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm², 1000 m on a disposable drum

Flat-ribbon conductor - VS-ASI-FC-TPE-UL-YE 100M - 1404922



AS-Interface TPE flat conductor with UL in yellow, 2 x 1.5 mm², 100 m ring

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Accessories

Flat-ribbon conductor - VS-ASI-FC-TPE-UL-YE 1000M - 1434662



AS-Interface TPE flat conductor with UL in yellow, 2 x 1.5 mm², 1000 m on disposable drum

Flat-ribbon conductor - VS-ASI-FC-PVC-UL-YE 100M - 1404906



AS-Interface PVC flat conductor with UL in yellow, 2 x 1.5 mm², 100 m ring

Flat-ribbon conductor - VS-ASI-FC-PVC-UL-YE/1000 - 1404867



AS-Interface PVC flat conductor with UL in yellow, 2 x 1.5 mm², 1000 m on an one-way drum

Device marking

Label sheet, DIN A4 - BMKL 64X16 WH - 0821807



Label sheet, DIN A4, Sheet, white, unlabeled, can be labeled with: Office printing systems, mounting type: adhesive, lettering field size: 64 x 16 mm, Number of individual labels: 48

Plug for cable screw gland

Screw plug - PROT-M12 - 1680539



An M12 screw plug for the unoccupied M12 sockets of the sensor/actuator cable, boxes and flush-type connectors

Programming cable

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Accessories

Cable for programming - ASI CC ADR CAB CINCH - 2741341



Cinch connecting cable, for addressing FLX ASI M12 devices

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