

Distributed I/O device - FLX ASI DI 4 M8 - 2773403

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

Product Description

The digital Fieldline Extension AS-Interface M8 input modules with IP67 housing protection make it possible to connect digital sensors to the AS-i using M8 connectors.


The modules are connected to AS-i with an M12 connector using the SPEEDCON connection method.

Your advantages

- Optimized for 30 mm mounting profile
- M12 connection technology with SPEEDCON fast locking system for the AS-Interface connection
- M8 connection technology for the I/Os



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 156585
GTIN	4046356156585

Technical data

Note

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

Width	30 mm
Height	26 mm
Depth	103 mm
Drill hole spacing	93 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	M12 connector, (A-coded)
Designation connection point	AS-i
Transmission speed	167 kbps
Number of positions	2

AS-Interface

Slave type	Single slave
AS-i specification	2.0
IO code	0
ID code (hex)	0
ID code (dec.)	0
AS-i profile	S-0.0
Required master specification	>= 2.0

Digital inputs

Input name	Digital inputs
Description of the input	IEC 61131-2 Type 2
Connection method	M8 connector
Connection technology	2, 3-wire
Number of inputs	4

General

Mounting type	Wall mounting
Color	black
Net weight	85 g
Mounting type	direct screw connection
Mounting position	any

Standards and Regulations

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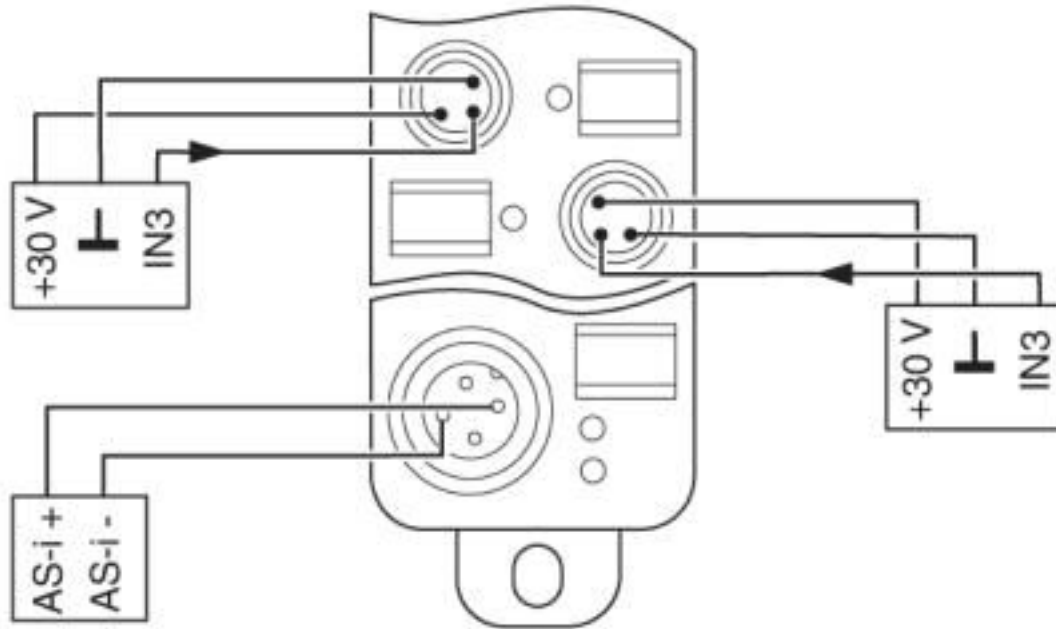
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

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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
ETIM 7.0	EC001599

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015

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Classifications

UNSPSC

UNSPSC 12.01	43201404
UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

Accessories

Accessories

Adapter

Connection element - ASI CC DIST FCAB 5M12 - 2741477



Passive signal distributor, connection element, from flat-ribbon cable to 5 x M12 plug, e.g., for connecting up to 5 FLX AS-i M8 devices or 5 AS-i S-Line devices to the AS-i flat-ribbon cable

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-PUR-YE 100M - 1404883



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

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Accessories

Flat-ribbon conductor - VS-ASI-FC-PUR-BK 100M - 1404896



AS-Interface PUR flat conductor in black, for additional power supply, 2 x 1.5 mm², 100 m ring

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-BK 100M - 1404919



AS-Interface PVC flat conductor with UL in black, for additional power supply, 2 x 1.5 mm², 100 m ring

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

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Accessories

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

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

Network distributor box

Distributor - VS-ASI-J-Y-N-M12FS - 1404414



AS-Interface distributor with IP65/IP67/IP69k degree of protection for 1 flat-ribbon conductor, with a straight, A-coded, 2-pos. M12 socket

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Accessories

Distributor - VS-ASI-J-Y-B-FFKDS - 1404498



AS-Interface distributor with IP20 degree of protection for two flat-ribbon conductors, with spring-cage terminal blocks for four litz wires up to 1.5 mm²

Distributor - VS-ASI-J-Y-N-PUR-1,0-M12FS SCO - 1404430



AS-Interface distributor with IP67 protection for one flat-ribbon conductor, with 1.0 m PUR round conductor and a molded, straight, A-coded, 2-pos. M12 SPEEDCON socket

Distributor - VS-ASI-J-Y-N-PUR-2,0-M12FS SCO - 1404443



AS-Interface distributor with IP67 protection for one flat-ribbon conductor, with 1.0 m PUR round conductor and a molded, straight, A-coded, 2-pos. M12 SPEEDCON socket

Plug for cable screw gland

Screw plug - PROT-M8 - 1682540



An M8 screw plug for the unoccupied M8 sockets of the sensor/actuator cable, boxes and flush-type connectors

Sensor/actuator cable

Sensor/actuator cable - SAC-4P-M12MS/ 0,6-PUR/M12FS - 1668360



Sensor/actuator cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 0.6 m

Terminal marking

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Accessories

Zack Marker strip, flat - ZBF 8:UNBEDRUCKT - 0808781



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 8 mm, lettering field size: 5.15 x 8.15 mm, Number of individual labels: 10

Connection element - ASI CC DIST FCAB M12 - 2741309



Connecting element for AS-i devices

Connection element - ASI CC DIST FCAB RCAB - 2741312



Connection element, flat-ribbon cable to M12 connector, for AS-i modules

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