

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.

Product Features

- 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
Weight per Piece (excluding packing)	101.9 g
Custom tariff number	85176200
Country of origin	Singapore

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

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Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Degree of protection	IP65/IP67

Interfaces

Fieldbus system	AS-i
Designation	AS-Interface
Connection method	M12 connector, (A-coded)
Designation connection point	AS-i
Transmission speed	167 kBit/s
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
Connection method	M8 connector
	2, 3-wire
Number of inputs	4
Input characteristic curve	IEC 61131-2 type 2

General

Mounting type	Wall mounting
Net weight	85 g
Mounting type	ct screw connection

Standards and Regulations

Protection class	III, IEC 61140, EN 61140, VDE 0140-1
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Classifications

eCl@ss

eCl@ss 4.0	27250302
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Classifications

eCl@ss

eCl@ss 4.1	27250302
eCl@ss 5.0	27250302
eCl@ss 5.1	27242604
eCl@ss 6.0	27242604
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

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Listed 

cUL Listed 

ASI-Interface

EAC

cULus Listed 

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

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Accessories

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

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

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Accessories

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

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

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Accessories

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

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

Protective cap

Screw plug - PROT-M8 - 1682540



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

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Accessories

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, A-coded, on Socket straight M12, A-coded, Cable length: 0.6 m

Terminal marking

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



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 8 mm, Lettering field: 5.15 x 8.15 mm

Connection element - ASI CC DIST FCAB M12 - 2741309



Connecting element for AS-i devices

Connection element - ASI CC DIST FCAB RCAB - 2741312

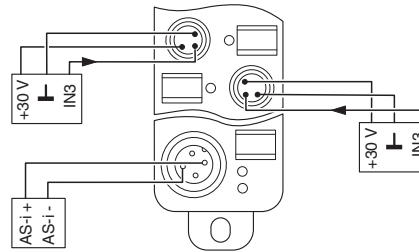


Connection element, flat-ribbon cable to M12 connector, for AS-i modules

Drawings

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Connection diagram



Mouser Electronics

Authorized Distributor

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