

# Distributed I/O device - FLX ASI DIO 4/3 M12-2A



2773445

<https://www.phoenixcontact.com/us/products/2773445>

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AS-i digital I/O module, AB slave, 4 digital inputs, 24 V DC, 2, 3, and 4-conductor connection technology, 3 digital outputs, 24 V DC, IP67 protection

## Product Description

The digital Fieldline M12 AS-Interface input/output modules with IP67 housing protection make it possible to connect digital sensors and actuators 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

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

## Commercial Data

Item number	2773445
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	C21
Product Key	DRI634
Catalog Page	Page 202 (C-6-2019)
GTIN	4046356156622
Weight per Piece (including packing)	302 g
Weight per Piece (excluding packing)	245 g
Customs tariff number	85176200
Country of origin	SG

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## Technical Data

### Dimensions

Width	58 mm
Height	150 mm
Depth	35 mm
Drill hole spacing	108 mm

### Notes

#### Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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### Material specifications

Color	black
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### Interfaces

#### AS-Interface

Connection method	Flat-ribbon cable penetration technique
Designation connection point	AS-i
Number of positions	4
Transmission speed	167 kbps

### System properties

#### Module

ID code (dec.)	10
ID code (hex)	A

### Input data

#### Digital

Input name	Digital inputs
Description of the input	IEC 61131-2 Type 2
Number of inputs	4
Connection method	M12 connector
Connection technology	2-, 3-conductor

### Output data

#### Digital

Output name	Digital outputs
Connection method	M12 connector
Connection technology	2-conductor
Number of outputs	3

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Maximum output current per channel	2 A
Maximum output current per module / terminal block	4 A

## Product properties

Type	Block design
Product type	I/O component
Mounting position	any
No. of channels	7

## Electrical properties

No. of channels	7
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## Connection data

Connection method	M12 connector
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## Ambient conditions

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

## Standards and regulations

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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## Mounting

Mounting type	Screw on directly or on DIN rail
Mounting type	Wall mounting
Mounting position	any

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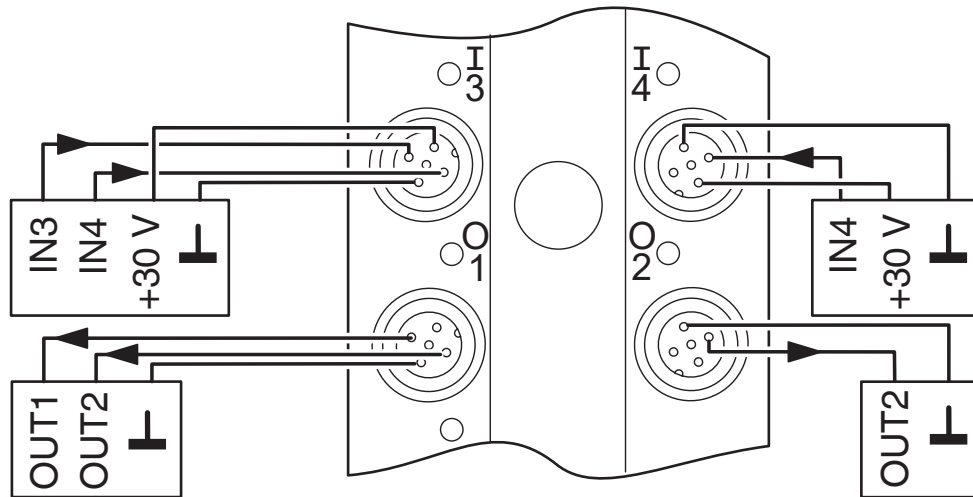


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## Drawings

Connection diagram




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## Approvals

 **UL Listed**  
Approval ID: FILE E 238705

 **cUL Listed**  
Approval ID: FILE E 238705

 **ASI-Interface**  
Approval ID: 81301/ 06.11.07

**cULus Listed**

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## Classifications

### ECLASS

ECLASS-9.0	27242604
ECLASS-10.0.1	27242604

### ETIM

ETIM 7.0	EC001599
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### UNSPSC

UNSPSC 21.0	32151602
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## Environmental Product Compliance

REACH SVHC

Lead 7439-92-1

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## Accessories

### Screw plug

Screw plug - PROT-M12 - 1680539

<https://www.phoenixcontact.com/us/products/1680539>



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

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### Manual addressing device

Manual addressing device - ASI CC ADR - 2741338

<https://www.phoenixcontact.com/us/products/2741338>



Manual addressing device, for AS-i modules



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## Cable for programming

Cable for programming - ASI CC ADR CAB CINCH - 2741341

<https://www.phoenixcontact.com/us/products/2741341>



Cinch connecting cable, for addressing FLX ASI M12 devices

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## Label sheet, DIN A4

Label sheet, DIN A4 - BMKL 11,5 (108X16) WH - 0821797

<https://www.phoenixcontact.com/us/products/0821797>

Label sheet, DIN A4, Sheet, white, unlabeled, can be labeled with: Office printing systems, mounting type: adhesive, lettering field size: 108 x 16 mm, Number of individual labels: 22



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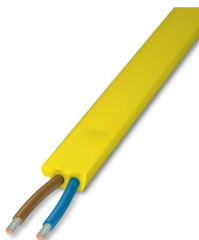
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## Flat-ribbon conductor

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

<https://www.phoenixcontact.com/us/products/1432402>



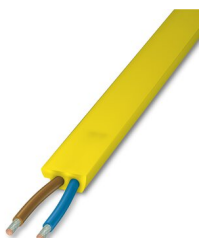
AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm<sup>2</sup>, 100 m ring

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## Flat-ribbon conductor

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

<https://www.phoenixcontact.com/us/products/1434646>



AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm<sup>2</sup>, 1000 m on a disposable drum

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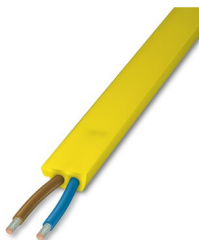
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## Flat-ribbon conductor

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

<https://www.phoenixcontact.com/us/products/1404922>



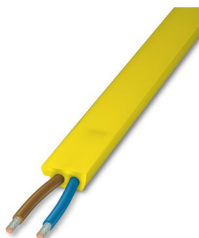
AS-Interface TPE flat conductor with UL in yellow, 2 x 1.5 mm<sup>2</sup>, 100 m ring

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## Flat-ribbon conductor

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

<https://www.phoenixcontact.com/us/products/1434662>



AS-Interface TPE flat conductor with UL in yellow, 2 x 1.5 mm<sup>2</sup>, 1000 m on disposable drum

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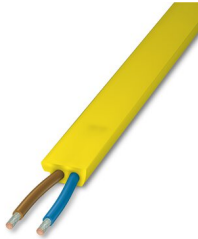
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## Flat-ribbon conductor

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

<https://www.phoenixcontact.com/us/products/1404906>



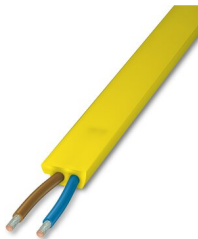
AS-Interface PVC flat conductor with UL in yellow, 2 x 1.5 mm<sup>2</sup>, 100 m ring

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## Flat-ribbon conductor

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

<https://www.phoenixcontact.com/us/products/1404867>



AS-Interface PVC flat conductor with UL in yellow, 2 x 1.5 mm<sup>2</sup>, 1000 m on an one-way drum

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