

Distributed I/O device - FLX ASI DIO 4/4 M8-1A



2773416

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AS-i digital input/output device, 4 digital inputs, 24 V DC, 2-, 3-conductor connection technology, 4 digital outputs, 24 V DC, 1.0 A, 2-conductor connection technology, IP67 degree of 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

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

Commercial Data

Item number	2773416
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	4046356156592
Weight per Piece (including packing)	135.8 g
Weight per Piece (excluding packing)	125 g
Customs tariff number	85176200
Country of origin	SG

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Technical Data

Dimensions

Width	30 mm
Height	26 mm
Depth	143 mm
Drill hole spacing	133 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	M12 connector (A-coded)
Designation connection point	AS-i
Number of positions	2
Transmission speed	167 kbps

System properties

Module

ID code (dec.)	0
ID code (hex)	0

Input data

Digital

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

Output data

Digital

Output name	Digital outputs
Connection method	M8 connector
Connection technology	2-conductor
Number of outputs	4

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Maximum output current per channel	1 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	8

Electrical properties

No. of channels	8
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Connection data

Connection method	M8 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	direct screw connection
Mounting type	Wall mounting
Mounting position	any

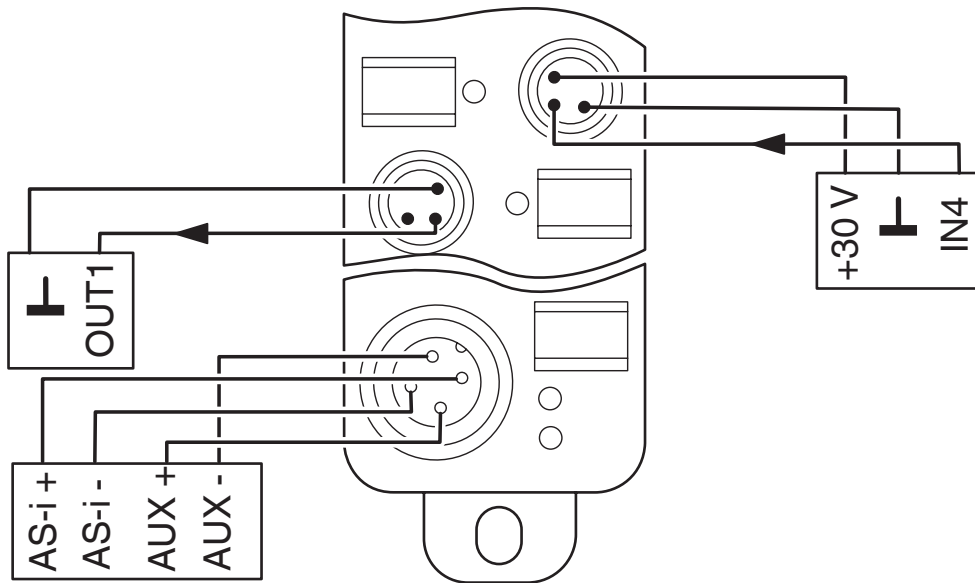
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Drawings

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: 80801/06.11.07

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-M8 - 1682540

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

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

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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



Connection element

Connection element - ASI CC DIST FCAB 5M12 - 2741477

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



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Zack Marker strip, flat

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

<https://www.phoenixcontact.com/us/products/0808781>



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

Distributor

Distributor - VS-ASI-J-Y-B-M12FS - 1404427

<https://www.phoenixcontact.com/us/products/1404427>



AS-Interface distributor with IP65/IP67/IP69k degree of protection for 2 flat-ribbon conductors, with a straight, A-coded, 4-pos. M12 socket

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Distributor

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

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

Distributor - VS-ASI-J-Y-B-PUR-1,0-M12FS SCO - 1404456

<https://www.phoenixcontact.com/us/products/1404456>



AS-Interface distributor with IP67 protection for two flat-ribbon conductors, with 2.0 m PUR round conductor and a molded, straight, A-coded, 4-pos. M12 SPEEDCON socket

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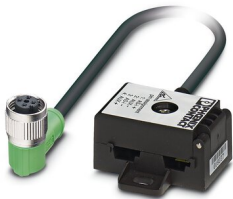
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Distributor

Distributor - VS-ASI-J-Y-B-PUR-1,0-M12FR SCO - 1404469

<https://www.phoenixcontact.com/us/products/1404469>



AS-Interface distributor with IP67 protection for two flat-ribbon conductors, with 2.0 m PUR round conductor and a molded, angled, A-coded, 4-pos. M12 SPEEDCON socket

Distributor

Distributor - VS-ASI-J-Y-B-PUR-2,0-M12FS SCO - 1404472

<https://www.phoenixcontact.com/us/products/1404472>



AS-Interface distributor with IP67 protection for two flat-ribbon conductors, with 2.0 m PUR round conductor and a molded, straight, A-coded, 4-pos. M12 SPEEDCON socket

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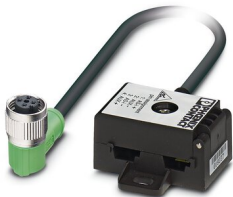
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Distributor

Distributor - VS-ASI-J-Y-B-PUR-2,0-M12FR SCO - 1404485

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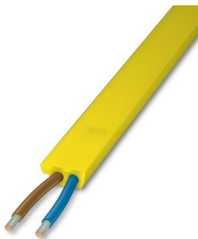


AS-Interface distributor with IP67 protection for two flat-ribbon conductors, with 2.0 m PUR round conductor and a molded, angled, A-coded, 4-pos. M12 SPEEDCON socket

Flat-ribbon conductor

Flat-ribbon conductor - VS-ASI-FC-PUR-YE 100M - 1404883

<https://www.phoenixcontact.com/us/products/1404883>



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

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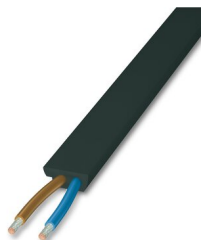
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Flat-ribbon conductor

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

<https://www.phoenixcontact.com/us/products/1404896>

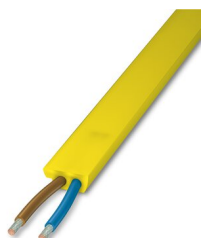


AS-Interface PUR flat conductor in black, for additional power supply, 2 x 1.5 mm², 100 m ring

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 mm², 100 m ring

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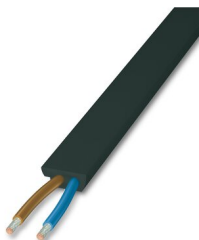
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Flat-ribbon conductor

Flat-ribbon conductor - VS-ASI-FC-PVC-UL-BK 100M - 1404919

<https://www.phoenixcontact.com/us/products/1404919>

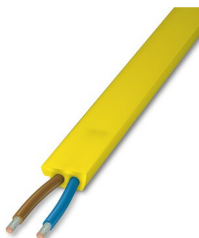


AS-Interface PVC flat conductor with UL in black, for additional power supply, 2 x 1.5 mm², 100 m ring

Flat-ribbon conductor

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 mm², 100 m ring

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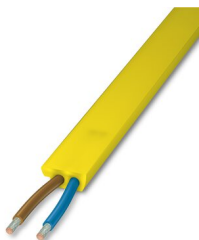
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Flat-ribbon conductor

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

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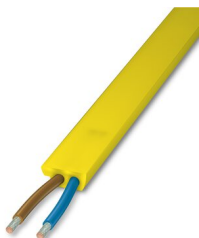


AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm², 1000 m on a disposable drum

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 mm², 100 m ring

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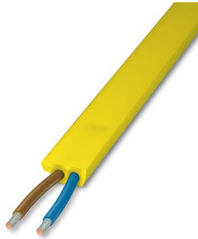
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Flat-ribbon conductor

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

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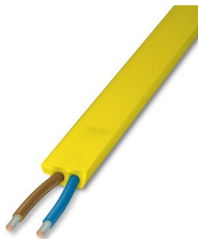


AS-Interface TPE flat conductor with UL in yellow, 2 x 1.5 mm², 1000 m on disposable drum

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 mm², 1000 m on a one-way drum

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