

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 |
|-------------------------|---|

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 |
|------------------|--------------------------------------|

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

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

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

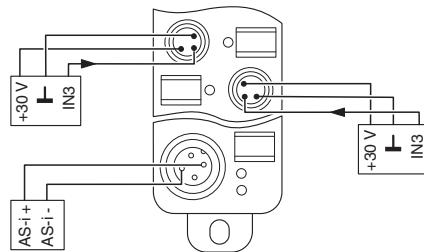


Connection element, flat-ribbon cable to M12 connector, for AS-i modules

Drawings

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Connection diagram



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