

FLX ASI DIO 4/4 M8-1A


Order No.: 2773416

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AS-i digital input/output module, 4 digital inputs, 24 V DC, 2, 3-wire connection method, 4 digital outputs, 24 V DC, 0.5 A, 2-wire connection method, IP67 protection



Commercial data

GTIN (EAN)	 4 046356 156592
sales group	L051
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 272 (AX-2011)

Product notes

WEEE/RoHS-compliant since:
03/14/2007



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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 plug connectors.

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

Technical data

Interface

Fieldbus system	AS-i
Connection method	M12 plug connectors, (A-coded)
Designation connection point	AS-i
Number of positions	2

AS-Interface

Slave type	Single slave
AS-i specification	2.0
IO code	7
ID code (hex)	0
ID code (dec.)	0
AS-i profile	S-7.0
Required master specification	>= 2.0

Digital inputs

Input name	Digital inputs
Connection method	M8 male connector
	2, 3-wire
Number of inputs	4
Input characteristic curve	IEC 61131-2 type 2

Digital outputs

Output name	Digital outputs
Connection method	M8 male connector
	2-wire
Number of outputs	4
Maximum output current per channel	1 A
Maximum output current per module / terminal block	4 A

General data

Width	30 mm
Height	26 mm
Depth	143 mm
Drill hole spacing	133 mm

Weight	125 g
Mounting type	Wall mounting
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Degree of protection	IP67
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

Certificates / Approvals



Certification

CUL Listed, UL Listed

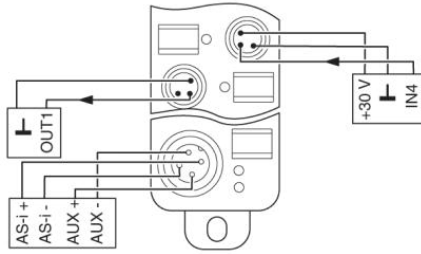
Accessories

Item	Designation	Description
Cable/conductor		
1434646	VS-ASI-FC-EPDM-YE 1000M	AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm ² , 1000 m on a disposable drum
1432402	VS-ASI-FC-EPDM-YE 100M	AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm ² , 100 m ring
1404896	VS-ASI-FC-PUR-BK 100M	AS-Interface PUR flat conductor in black, for additional power supply, 2 x 1.5 mm ² , 100 m ring
1404883	VS-ASI-FC-PUR-YE 100M	AS-Interface PUR flat conductor in yellow, 2 x 1.5 mm ² , 100 m ring
1404919	VS-ASI-FC-PVC-UL-BK 100M	AS-Interface PVC flat conductor with UL in black, for additional power supply, 2 x 1.5 mm ² , 100 m ring
1404906	VS-ASI-FC-PVC-UL-YE 100M	AS-Interface PVC flat conductor with UL in yellow, 2 x 1.5 mm ² , 100 m ring
1404906	VS-ASI-FC-PVC-UL-YE 100M	AS-Interface PVC flat conductor with UL in yellow, 2 x 1.5 mm ² , 100 m ring
1404867	VS-ASI-FC-PVC-UL-YE/1000	AS-Interface PVC flat conductor with UL in yellow, 2 x 1.5 mm ² , 1000 m on an one-way drum
1434662	VS-ASI-FC-TPE-UL-YE 1000M	AS-Interface TPE flat conductor with UL in yellow, 2 x 1.5 mm ² , 1000 m on disposable drum
1404922	VS-ASI-FC-TPE-UL-YE 100M	AS-Interface TPE flat conductor with UL in yellow, 2 x 1.5 mm ² , 100 m ring

General		
2741477	ASI CC DIST FCAB 5M12	
1668360	SAC-4P-M12MS/ 0,6-PUR/ M12FS	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
1404498	VS-ASI-J-Y-B-FFKDS	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 mm ²
1404427	VS-ASI-J-Y-B-M12FS	AS-Interface distributor with IP65/IP67/IP69k degree of protection for 2 flat-ribbon conductors, with a straight, A-coded, 4-pos. M12 socket
1404469	VS-ASI-J-Y-B-PUR-1,0-M12FR SCO	AS-Interface distributor with IP67 degree of protection for two flat-ribbon conductors, with 2.0 m PUR round conductor and a molded, angled, A-coded, 4-pos. M12 SPEEDCON socket
1404456	VS-ASI-J-Y-B-PUR-1,0-M12FS SCO	AS-Interface distributor with IP67 degree of protection for two flat-ribbon conductors, with 2.0 m PUR round conductor and a molded, straight, A-coded, 4-pos. M12 SPEEDCON socket
1404485	VS-ASI-J-Y-B-PUR-2,0-M12FR SCO	AS-Interface distributor with IP67 degree of protection for two flat-ribbon conductors, with 2.0 m PUR round conductor and a molded, angled, A-coded, 4-pos. M12 SPEEDCON socket
1404472	VS-ASI-J-Y-B-PUR-2,0-M12FS SCO	AS-Interface distributor with IP67 degree of protection for two flat-ribbon conductors, with 2.0 m PUR round conductor and a molded, straight, A-coded, 4-pos. M12 SPEEDCON socket
Handheld operator panel		
2741338	ASI CC ADR	Manual addressing device, for AS-i modules
Marking		
0808781	ZBF 8:UNBEDRUCKT	Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, sufficient for 100 terminal blocks, color: white
Protection and sealing elements		
1682540	PROT-M8	An M8 screw plug for the unoccupied M8 sockets of the sensor/ actuator cable, boxes and flush-type connectors

Diagrams/Drawings

Connection diagram



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