Extract from the online catalog

FLX ASI DI 4 M12

Order No.: 2773429



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AS-i digital input module, AB slave, 4 digital inputs, 24 V DC, 2, 3 and 4-conductor connection method, IP67 protection

Commercial data	
GTIN (EAN)	4 046356 156608
sales group	L051
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 390 (AX-2009)

Product notes

WEEE/RoHS-compliant since: 12/08/2009

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Product description

The digital Fieldline M12 AS-Interface input modules with IP67 housing protection make it possible to connect digital sensors to the AS-i using M12 connectors using the SPEEDCON connection method.

The modules are connected to AS-i using the flat-ribbon cable cable penetration technique.

Technical data

Interface

Fieldbus system	AS-i
Type of connection	Flat-ribbon cable penetration technique
Designation connection point	AS-i
Number of positions	2

AS-Interface

Slave type	A/B slave
AS-i specification	2.1
IO code	0
ID1 code	7
ID2 code	2
ID code (hex)	A
ID code (dec.)	10
AS-i profile	S-0.A.2
Required master specification	>= 2.0

Digital inputs

Input name	Digital inputs
Type of connection	M12 male connector
Connection method	2, 3-wire
Number of inputs	4
Input characteristic curve	IEC 61131-2 type 2
Delay at signal change from 0 to 1	2 ms
Delay at signal change from 1 to 0	2 ms

Power supply for module electronics

Current consumption	≤ 40 mA (Without sensors)

General data

Width	58 mm
Height	118 mm
Depth	35 mm
Drill hole spacing	108 mm
Weight	195 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

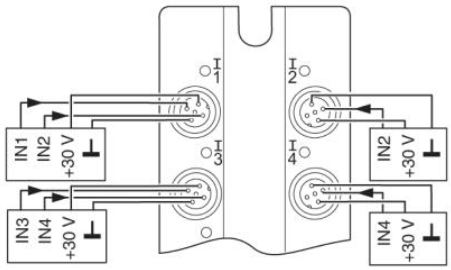
Item	Designation	Description
Cable/conductor		
2741341	ASI CC ADR CAB CINCH	Cinch connecting cable, for addressing FLX ASI M12 devices
1434646	VS-ASI-FC-EPDM-YE 1000M	AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm², 1000 m on a disposable drum
1432402	VS-ASI-FC-EPDM-YE 100M	AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm², 100 m ring
1404906	VS-ASI-FC-PVC-UL-YE 100M	AS-Interface PVC flat conductor with UL in yellow, 2 x 1.5 mm², 100 m ring
1404867	VS-ASI-FC-PVC-UL-YE/1000	AS-Interface PVC flat conductor with UL in yellow, 2 x 1.5 mm², 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 mm², 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 mm², 100 m ring
General		
2773539	FLX ASI M12 FS	Protection against accidentally unlocking the FLX ASI M12 devices
Handheld operator panel		
2741338	ASI CC ADR	Manual addressing device, for AS-i modules
Marking		
0821807	BMKL 64X16 WH	Label sheet for laser printers, color: White

Protection and sealing elements

1680539	PROT-M12	An M12 screw plug for the unoccupied M12 sockets of the sensor/ actuator cable, boxes and flush-type connectors

Diagrams/Drawings

Connection diagram



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