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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



FLX ASI DI 4 M12


Order No.: 2773429

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2773429>

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



<http://www.download.phoenixcontact.com>
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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)
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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

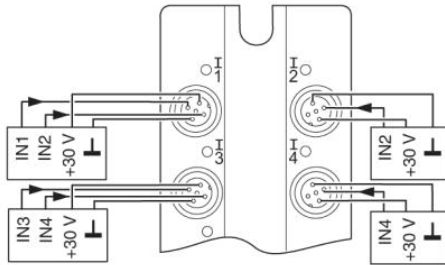
Item	Designation	Description
Cable/conductor		
2741341	ASI CC ADR CAB CINCH	Cinch connecting cable, for addressing FLX ASI M12 devices
1434646	VS-ASI-FC-EPDM-YE 1000M	AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm ² , 1000 m on a disposable drum
1432402	VS-ASI-FC-EPDM-YE 100M	AS-Interface EPDM flat conductor in yellow, 2 x 1.5 mm ² , 100 m ring
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		
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
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Diagrams/Drawings

Connection diagram



Address

PHOENIX CONTACT Deutschland GmbH
Flachmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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