

# Distributed I/O device - FLX ASI DI 4 M12 - 2773429

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



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

## 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 plugs using the SPEEDCON connection method. The modules are connected to AS-i using the flat-ribbon cable cable penetration technique.

## Product Features

- Tool-free connection to AS-Interface using penetration technique
- M12 connection technology with SPEEDCON fast locking system for the I/Os
- Optimized for direct mounting and DIN rail mounting



## Key commercial data

package_quantity	1
GTIN	4046356156608

## Technical data

### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
-------------------------	---

### Dimensions

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

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Degree of protection	IP65/67

### Interfaces

Fieldbus system	AS-i
Designation	AS-Interface

# Distributed I/O device - FLX ASI DI 4 M12 - 2773429

## Technical data

### Interfaces

<b>Connection method</b>	Flat-ribbon cable penetration technique
<b>Designation connection point</b>	AS-i
<b>Transmission speed</b>	167 kBit/s
<b>Number of positions</b>	2

### AS-Interface

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

### Digital inputs

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

### Power supply for module electronics

<b>Current consumption</b>	≤ 40 mA (Without sensors)
----------------------------	---------------------------

### General

<b>Weight</b>	195 g
<b>Mounting type</b>	Wall mounting
<b>Protection class</b>	III, IEC 61140, EN 61140, VDE 0140-1

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27250302
<b>eCl@ss 4.1</b>	27250302
<b>eCl@ss 5.0</b>	27250302
<b>eCl@ss 5.1</b>	27242604
<b>eCl@ss 6.0</b>	27242604
<b>eCl@ss 7.0</b>	27242604
<b>eCl@ss 8.0</b>	27242604

# Distributed I/O device - FLX ASI DI 4 M12 - 2773429

## classifications

### ETIM

<b>ETIM 2.0</b>	EC001430
<b>ETIM 3.0</b>	EC001599
<b>ETIM 4.0</b>	EC001599
<b>ETIM 5.0</b>	EC001599

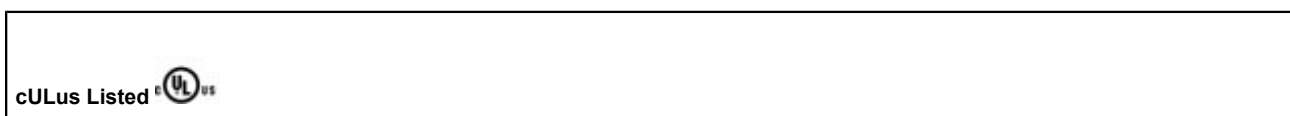
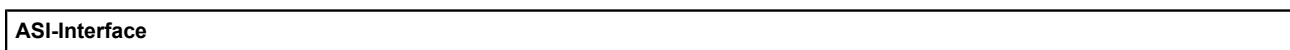
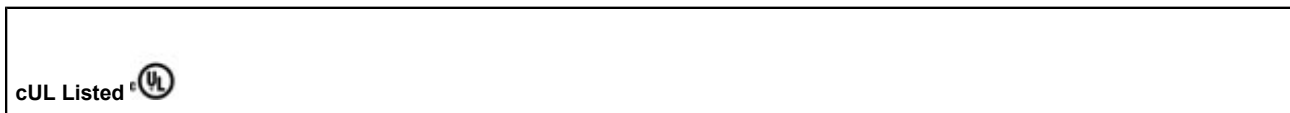
### UNSPSC

<b>UNSPSC 6.01</b>	43172015
<b>UNSPSC 7.0901</b>	43201404
<b>UNSPSC 11</b>	43172015
<b>UNSPSC 12.01</b>	43201404
<b>UNSPSC 13.2</b>	43201404

## approvals

UL Listed / cUL Listed / ASI-Interface / cULus Listed /

### Approval details



## accessories

### Protective cap

PROT-M12 - 1680539



## Distributed I/O device - FLX ASI DI 4 M12 - 2773429

accessories

### Addressing device

ASI CC ADR - 2741338



---

### Programming cable

ASI CC ADR CAB CINCH - 2741341



---

### Device marking

BMKL 64X16 WH - 0821807



---

### Safety locking

FLX ASI M12 FS - 2773539



---

### Data cable by the meter

## Distributed I/O device - FLX ASI DI 4 M12 - 2773429

### accessories

VS-ASI-FC-EPDM-YE 100M - 1432402



VS-ASI-FC-EPDM-YE 1000M - 1434646



VS-ASI-FC-TPE-UL-YE 100M - 1404922



VS-ASI-FC-TPE-UL-YE 1000M - 1434662



VS-ASI-FC-PVC-UL-YE 100M - 1404906



VS-ASI-FC-PVC-UL-YE/1000 - 1404867

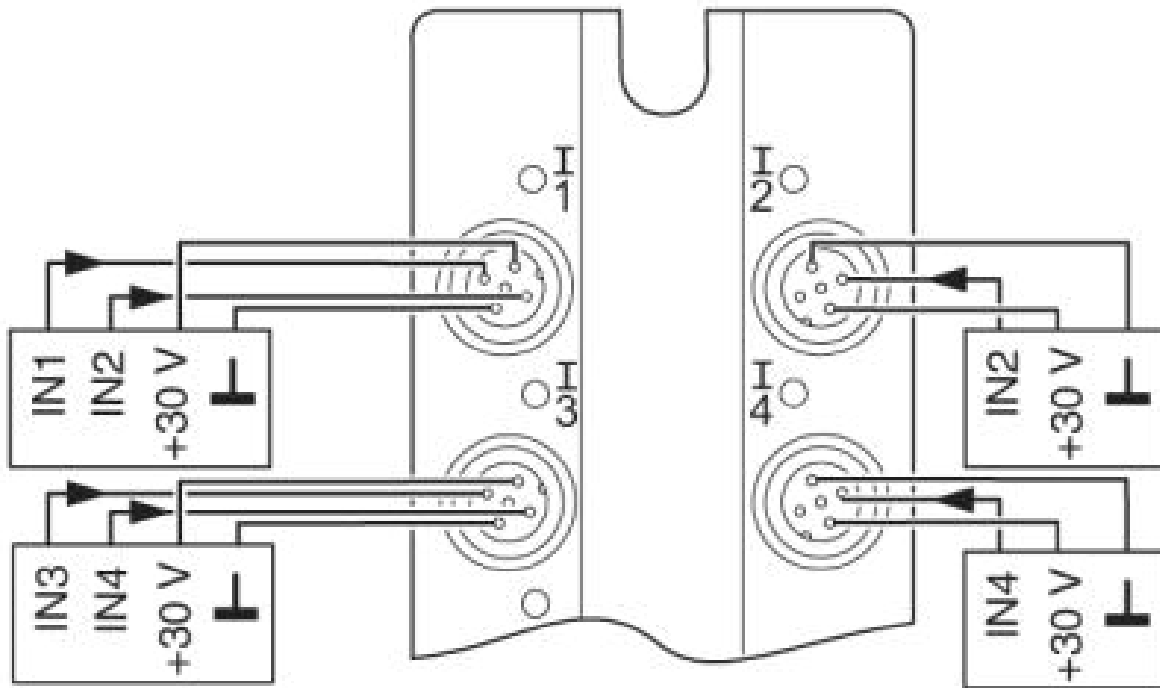


# Distributed I/O device - FLX ASI DI 4 M12 - 2773429

accessories

## Drawings

Connection diagram



© Phoenix Contact 2014 - all rights reserved  
<http://www.phoenixcontact.com>