

## Distributed I/O device - AXL E IOL AI1 I M12 R - 2700275

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://phoenixcontact.com/download>)




Axioline E-IO-Link/analog converter for connecting an analog sensor, 4 mA ... 20 mA, M12 fast connection technology, angled version

### Your advantages

- ✓ Angled version
- ✓ 1 IO-Link interface
- ✓ 1 analog input
- ✓ Connection of sensor in 3-conductor technology
- ✓ Current range: 4 mA ... 20 mA
- ✓ IO-Link and sensor connections via M12 connectors
- ✓ Functional ground connection for local connection to functional ground
- ✓ Supply of the module electronics and the sensor via the IO-Link interface of the IO-Link master
- ✓ Diagnostic indicator
- ✓



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 782586
GTIN	4046356782586
Weight per Piece (excluding packing)	60.000 g
Custom tariff number	85176200
Country of origin	Germany

### Technical data

#### Note

# Distributed I/O device - AXL E IOL AI1 I M12 R - 2700275

## Technical data

### Note

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

### Dimensions

Width	16.6 mm
Height	42 mm
Depth	66.5 mm

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	5 % ... 95 %
Permissible humidity (storage/transport)	5 % ... 95 %
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP65/IP67

### General

Net weight	34 g
Degree of pollution	2
Diagnostics messages	Overrange or underrange Message in the diagnostic code (in the IB IL format)
	Measured value invalid/no valid measured value present Message in the diagnostic code (in the IB IL format)
	Short circuit Message in the diagnostic code (in the IB IL format)
	Wire break; goes to 0 mA Message in the diagnostic code (in the IB IL format)
	Module faulty Message in the diagnostic code (in the IB IL format)

### Standards and Regulations

Mechanical tests	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 Operation: 2g
	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 Storage/transport: 5g
	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 Operation: 30g, 11 ms, three shocks in each space direction
	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 Storage/transport: 50g, 11 ms, three shocks in each space direction
	Continuous shock according to EN 60068-2-27/IEC 60068-2-27 10g, 16 ms, 1000 shocks, in all space directions
Protection class	III (IEC 61140, EN 61140, VDE 0140-1)

### Environmental Product Compliance

# Distributed I/O device - AXL E IOL AI1 I M12 R - 2700275

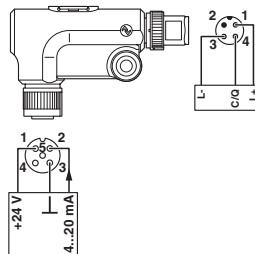
## Technical data

### Environmental Product Compliance

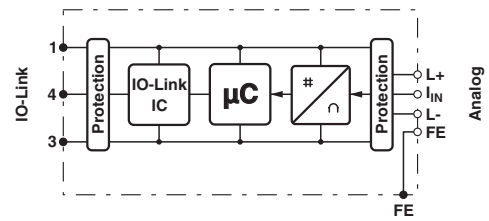
REACH SVHC	Lead 7439-92-1
------------	----------------

## Drawings

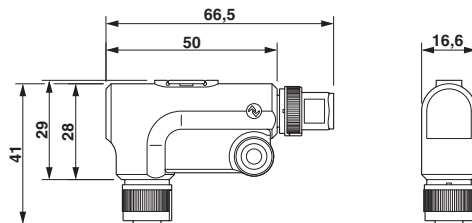
Connection diagram



Block diagram



Dimensional drawing



## Classifications

### eCl@ss

eCl@ss 10.0.1	27242601
eCl@ss 11.0	27242601
eCl@ss 4.0	27250200
eCl@ss 4.1	27250200
eCl@ss 5.0	27250200
eCl@ss 5.1	27242600
eCl@ss 6.0	27242600
eCl@ss 7.0	27242601
eCl@ss 9.0	27242601

### ETIM

ETIM 3.0	EC000313
ETIM 4.0	EC001596

# Distributed I/O device - AXL E IOL AI1 I M12 R - 2700275

## Classifications

### ETIM

ETIM 6.0	EC001596
ETIM 7.0	EC001596

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	55101516
UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

## Approvals

### Approvals

#### Approvals

UL Listed / cUL Listed / cULus Listed

#### Ex Approvals

### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 140324
-----------	--	---	---------------

cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 140324
------------	--	---	---------------

cULus Listed			
--------------	--	--	--

## Distributed I/O device - AXL E IOL AI1 I M12 R - 2700275

### Accessories

#### Accessories

#### Network management software

#### Software - IOL-CONF - 1083065



IOL-CONF is a browser-based configuration software tool for the easy startup of IO-Link devices