

## Distributed I/O device - AXL E IOL AO1 I M12 S - 2700351

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

### Your advantages

- ✓ Straight version
- ✓ 1 IO-Link interface
- ✓ 1 analog output
- ✓ Connection of actuator in 3-conductor technology
- ✓ Current range: 4 mA ... 20 mA
- ✓ IO-Link and actuator connections via M12 connectors
- ✓ Functional ground connection for local connection to functional ground
- ✓ Supply of the module electronics and the actuator via the IO-Link interface of the IO-Link master
- ✓ Diagnostic indicator
- ✓ IO-Link specification V1.1.1



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 782654
GTIN	4046356782654

### Technical data

#### Note

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

Width	16.6 mm
Height	29 mm
Depth	79.5 mm

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## Technical data

### 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	Short circuit Message in the diagnostic code (in the IB IL format)
	Configuration invalid 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

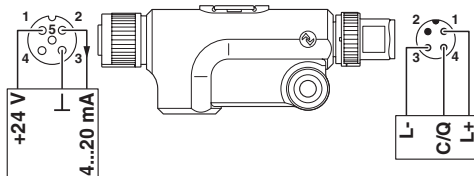
Mechanical tests	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 Operation: 2g
	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 Storage/ transport: 5g
	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 Operation: 30g, 11 ms, three shocks in each space direction
	Shock in acc. 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

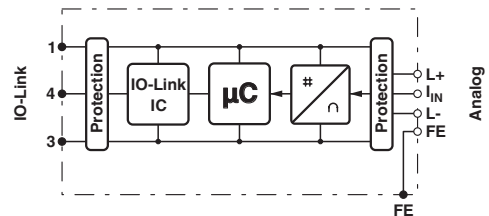
REACH SVHC	Lead 7439-92-1
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## Drawings

Connection diagram

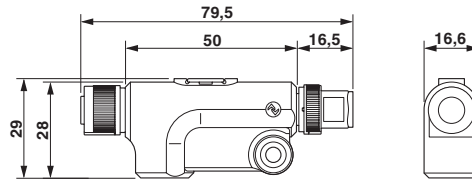


Block diagram



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Dimensional drawing



## Classifications

### eCI@ss

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

### ETIM

ETIM 3.0	EC000313
ETIM 4.0	EC001596
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

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## Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

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Ex Approvals

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## 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
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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
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cULus Listed			
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## 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

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