

## Distributed I/O device - AXL E IOL DO8 M12 6P - 2702659

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Axioline E digital output device via IO-Link in a plastic housing with 1 IO-Link port and 8 outputs, 24 V DC, 500 mA, 3 wire technology, M12 fast connection technology

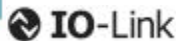
### Product Description

The Axioline E digital output device is connected to an IO-Link master via an IO-Link B-port. It is used to output digital signals via IO-Link. Use within different networks is possible via the IO-Link master.


### Your advantages

- ✓
- ✓ Type B port with additional power supply
- ✓ IO-Link specification V1.1.2
- ✓ Connection up to eight outputs with M12 connectors (A-coded, 5-pos.)
- ✓ Diagnostic and status indicators
- ✓ Short-circuit and overload protection of the sensor supply
- ✓ Device rating plate stored
- ✓ IP65/IP67 degree of protection

RoHS



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 279695
GTIN	4055626279695
Weight per Piece (excluding packing)	300.000 g
Custom tariff number	85176200
Country of origin	Germany

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### Technical data

#### Note

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

Width	60 mm
Height	141 mm
Depth	20 mm
Note on dimensions	The height is 170 mm including fixing clips. The depth is 30 mm including the connector.

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °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

#### Digital outputs

Output name	Digital outputs
Connection method	M12 connector
Connection technology	3-wire
Number of outputs	8
Type of protection	Overload protection, short-circuit protection of outputs
Output voltage	24 V DC
Nominal output voltage	24 V DC (from voltage $U_A$ )
Output current	max. 500 mA (per port) max. 4 A (per device)
Nominal load, inductive	max. 12 VA (1.2 H, 48 $\Omega$ , with nominal voltage)
Nominal load, lamp	max. 12 W (at nominal voltage)
Nominal load, ohmic	max. 12 W (48 $\Omega$ , with nominal voltage)

#### Supply

Designation	Actuators ( $U_A$ )
Supply voltage	24 V DC (Nominal voltage)
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Current consumption	max. 500 mA (per port)

#### General

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### Technical data

#### General

Housing material	Pocan®
Mounting type	Wall mounting
Net weight	302 g

#### Electrical isolation

Test section	24 V supply (logic supply)/24 V supply (actuator supply) 500 V AC 50 Hz 1 min.
	24 V supply (logic supply) / FE 500 V AC 50 Hz 1 min.
	24 V supply (actuator supply)/FE 500 V AC 50 Hz 1 min.

#### Standards and Regulations

Mechanical tests	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g
	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 30g, 11 ms period, half-sine shock pulse
	Continuous shock according to EN 60068-2-27/IEC 60068-2-27 10g
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

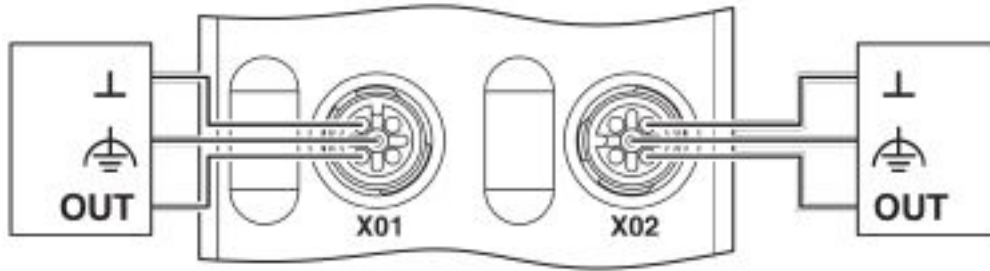
#### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

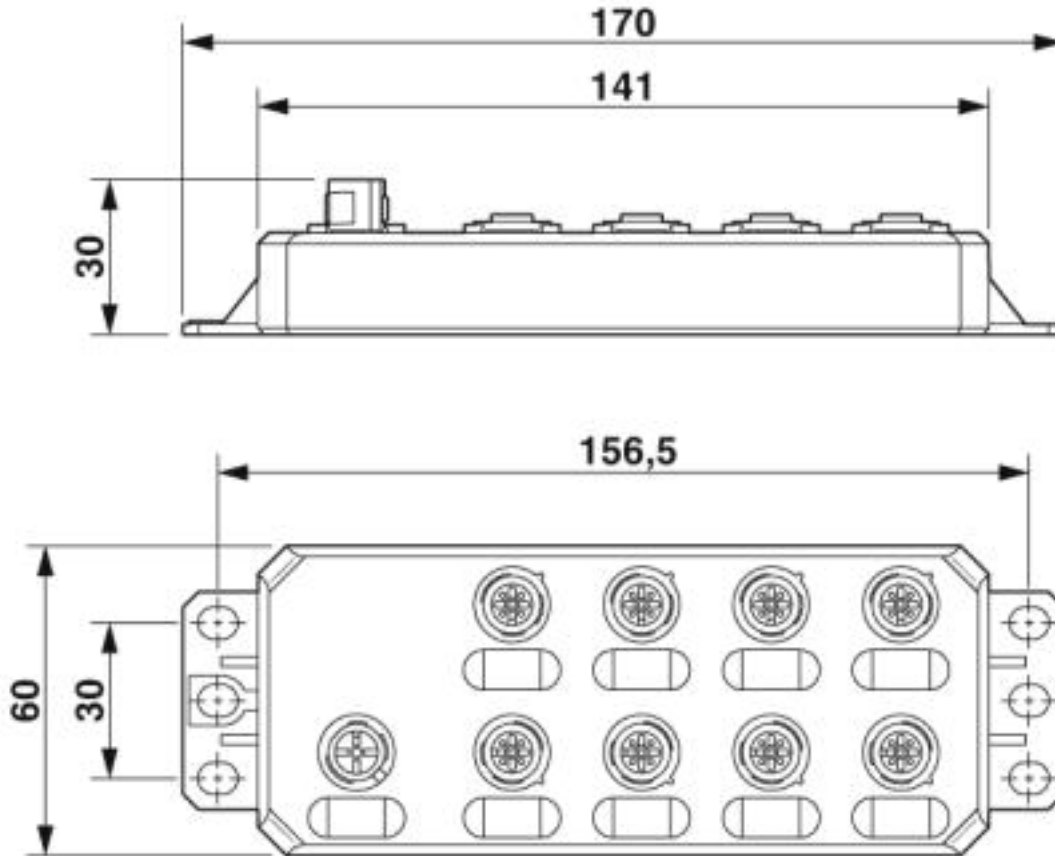
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Connection diagram



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Dimensional drawing



### Classifications

#### eCl@ss

eCl@ss 4.0	27240404
eCl@ss 4.1	27240404
eCl@ss 5.0	27242204
eCl@ss 5.1	27242604
eCl@ss 6.0	27242600
eCl@ss 7.0	27242604
eCl@ss 8.0	27242604
eCl@ss 9.0	27242604

#### ETIM

ETIM 3.0	EC001599
ETIM 4.0	EC001599

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### Classifications

#### ETIM

ETIM 5.0	EC001599
ETIM 6.0	EC001599
ETIM 7.0	EC001599

#### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	39121311
UNSPSC 12.01	39121311
UNSPSC 13.2	32151602

### Accessories

#### Accessories

#### Device marking

Snap-in markers - UCT-EM (7X10) - 0830765



Snap-in markers, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped into marker carrier, lettering field size: 7 x 10 mm

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#### Protective cap

Screw plug - PROT-M12 - 1680539



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