

Distributed I/O device - AXL E IOL DI8 M12 6P - 2702658

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Axioline E digital input device via IO-Link in plastic housing with an IO-Link A-port and eight inputs, 24 V DC, 4-conductor technology, M12 fast connection technology

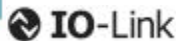
Product Description

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


Your advantages

- ✓
- ✓ Type A port
- ✓ IO-Link specification V1.1.2
- ✓ Connection of up to eight inputs 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 279671
GTIN	4055626279671
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 inputs

Description of the input	EN 61131-2 types 1 and 3
Connection method	M12 connector
Connection technology	4-wire
Number of inputs	8
Type of protection	Overload protection, short-circuit protection of sensor supply
	Polarity reversal protection of the inputs
Input filter time	1 ms
Input voltage range "0" signal	-3 V ... 5 V DC
Input voltage range "1" signal	11 V DC ... 30 V DC
Nominal input current at U_{IN}	typ. 2.4 mA

General

Housing material	Pocan®
Mounting type	Wall mounting
Net weight	299 g

Electrical isolation

Test section	24 V supply/FE 500 V AC 50 Hz 1 min.
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Standards and Regulations

Distributed I/O device - AXL E IOL DI8 M12 6P - 2702658

Technical data

Standards and Regulations

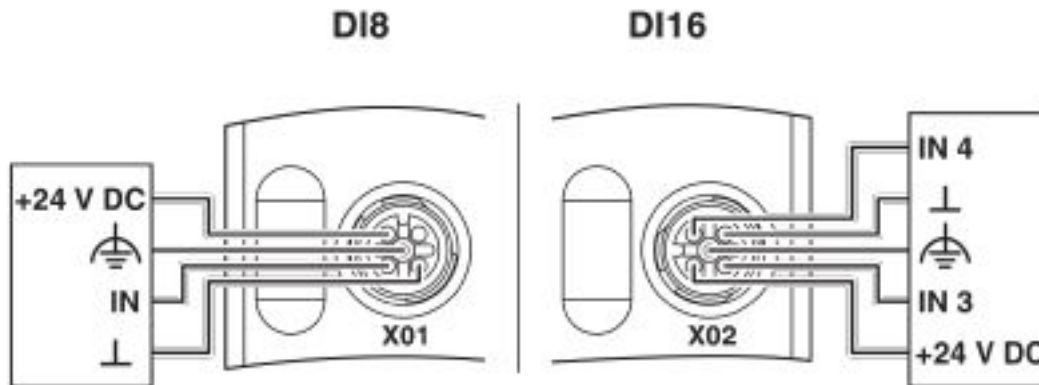
Mechanical tests	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g
	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 30g, 11 ms period, half-sine shock pulse
	Continuous shock according to EN 60068-2-27/IEC 60068-2-27 10g
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

Environmental Product Compliance

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

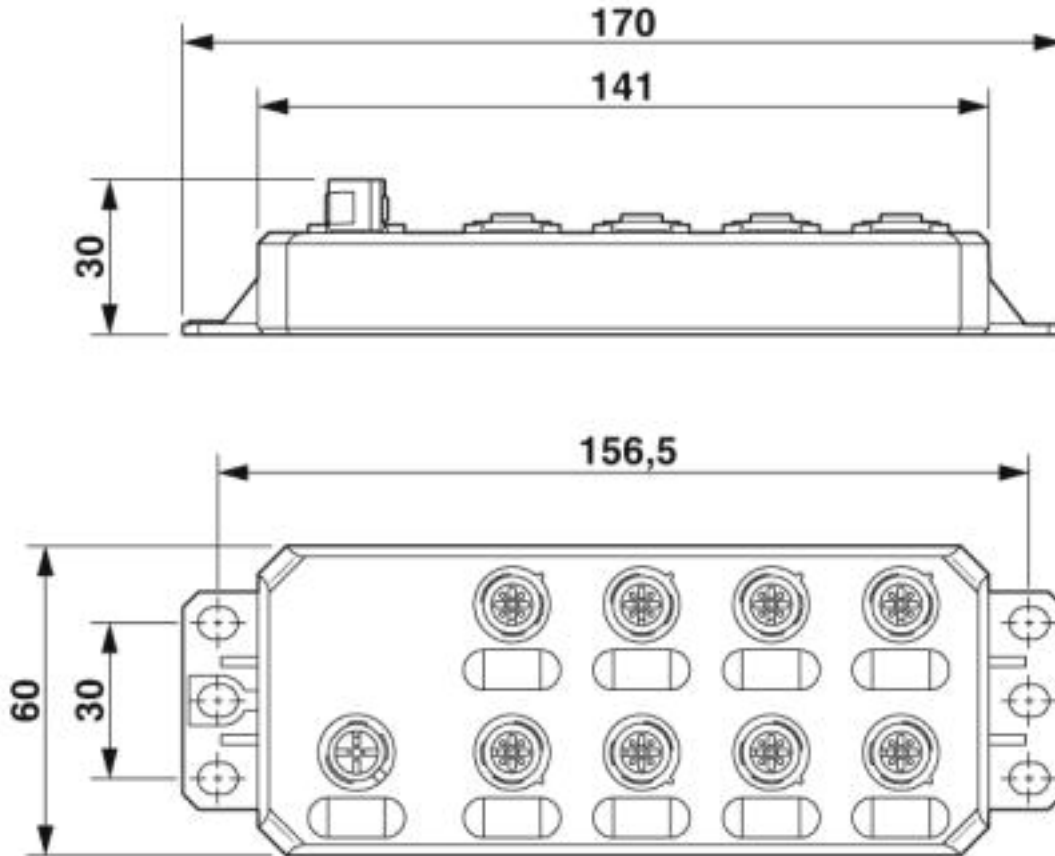
Drawings

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, Number of individual labels: 30

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