

**MVP12-P3 AI-RTD4 4xM12A IOLA12 E0**

IO-Link Class A Hub

IO-Link hub in 30 mm plastic housing

4 analog inputs (RTD)

1 × M12 IO-Link Class A

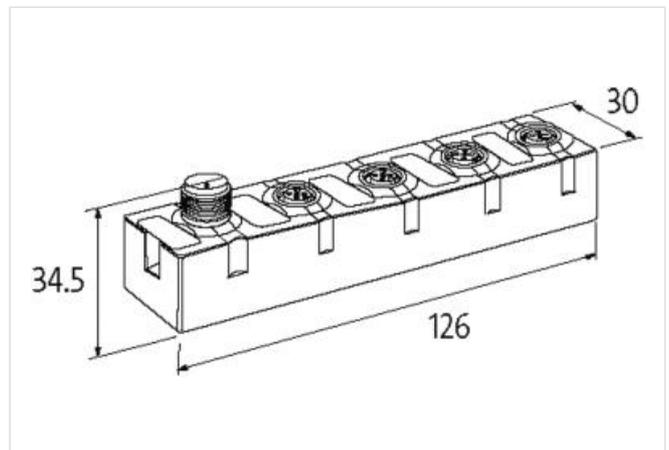
4 × M12 I/O

Extended parameter range

Connection cables are in the online shop under "Connection Technology".

**[Link to Product](#)****Illustration**

Product may differ from Image

**Electrical data | Supply**

Operating voltage US DC	24 V
Operating voltage US DC min.	18 V
Operating voltage US DC max.	30 V
Current consumption max.	50 mA

**Electrical data | Input**

Conversion time with interference frequency filter	OFF: 12 ms, 50 Hz: 50 ms, 60 Hz: 120 ms
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**Industrial communication | IO-Link**

IO-Link type	Device
Port Class	A
IO-Link revision ID	V1.1.2
IO-Link transmission rate	COM3 (230.4 kbit/s)
IO-Link process data length input	10 Bytes
IO-Link process data length output	5 Bytes
IO-Link cycle time min.	1,6 ms
IO-Link revision compatibility	V1.1.3

**Diagnostics**

Diagnostic via LED	per module and channel
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IO-Link events	No voltage, Undervoltage supply
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LED display	Ethernet connection/data traffic
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Status indication LED	green
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#### Device protection | Electrical

Installation height max. ASL	3000 m
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Degree of protection (EN IEC 60529)	IP68
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Invers-polarity protection	yes
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#### Mechanical data | Mounting data

Suitable for mounting type	2-hole screw mounting
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Height	126 mm
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Width	30 mm
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Depth	34,5 mm
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#### Environmental characteristics | Climatic

Operating temperature min.	-25 °C
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Operating temperature max.	70 °C
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Storage temperature min.	-40 °C
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Storage temperature max.	85 °C
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#### Connection type 4

Connection type 1	X0-X3
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Connection type 2	X0-X3
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Connection type 3	XZ1
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Connection type 4	XZ1
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Family construction form	M12
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Gender	female
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Color contact carrier	green
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Coding	A
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No. of poles	5
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PIN 1	CH +
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PIN 2	CH S +
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PIN 3	CH -
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PIN 4	CH S -
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PIN 5	n.c.
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Family construction form	M12
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Gender	female
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Color contact carrier	black
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Coding	A
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No. of poles	5
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PIN 1	CH +
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PIN 2	CH S +
-------	--------

PIN 3	CH -
-------	------

PIN 4	CH S -
-------	--------

PIN 5	n.c.
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Family construction form	M12
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Gender	male
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Color contact carrier	black
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Coding	A
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No. of poles	5
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PIN 1	24 V DC US (L +)
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PIN 2	n.c.
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PIN 3	0 V US (L -)
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PIN 4	C / Q / IO-Link
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PIN 5	n.c.
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Family construction form	M12
Gender	male
Coding	A
No. of poles	5
PIN 1	24 V DC (US) (L +)
PIN 2	n.c.
PIN 3	0 V (US) (L -)
PIN 4	C / Q / IO-Link
PIN 5	n.c.

**Commercial data**

customs tariff number	85389099
GTIN	4065909027851
Packaging unit	1