

IO-LINK-HUB

Plug & Play diagnostics

With IO-Link hubs from Murrelektronik, several digital sensors and actuators can easily be connected via a standard sensor line to the I/O link master port.

In conjunction with Murrelektronik's IO link masters (MVK Metal and Impact67), the IO link hubs of the MVP12-Metal series help keep the downtimes of machines and plants to a minimum. They can automatically transmit diagnostic data detailed down to the individual channel, directly to the control unit without any need of parameterization. If an error occurs, the affected port of the hub is disabled.



 **IO-Link**
Degree of protection IP67

- **Versatile and universal**

Newest IO-Link Version 1.1

- **Optimal diagnostic features**

Simple, channel-granular diagnostics through Plug & Play, disabling of individual channels in case of error

- **Passive safety up to performance level PL d (EN ISO 13849-1)**

The outputs of the DI8-DO8 variant can be safely shut off up to performance level d in conjunction with Murrelektronik MIRO SAFE+ relay, for example

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Designation	MVP12-M DI8 DO8 IOL K3	MVP12-M DI16 IOL
Art. No.	55518	55519
IO-Link (M12)		
Specification	Version 1.1	Version 1.1
Port Class	Type B (galv. isolated)	Type A
COM2 (38.4 kBaud)	Yes	Yes
Input (M12)		
24 V DC (EN 61131-2), PNP (EN 61131-2), Type 3, max. 100 mA (short-circuit and overload protected)*	8x	16x
Output (M12)		
24 V DC (EN 61131-2) max. 4 A, max. 0.4 A (short-circuit and overload protected)	8x	–
Mechanics		
Shock EN 60068 part 2-27	50 g	50 g
Operating temperature	-25 °C...+70 °C	-25 °C...+70 °C

* A driver performance of 1000 mA on PIN 1/3 of the IO-Link Master is recommended

IO-LINK-HUB BASIC

Save space and costs

With the Murrelektronik IO-Link hub Basic, several digital sensors and actuators can easily be connected via a standard sensor line to the I/O link master port.

The basic version of Murrelektronik's MVP12 IO Link hub is a solution for high-quality decentralized installation at the best possible price- performance ratio.



 **IO-Link**
Degree of protection IP67

- **Universal and quickly put into operation**

Newest IO-Link - Version 1.1

- **Safety and quality**

Module-granular shut off in the event of a short circuit at the inputs or outputs, robust housing and excellent electronics

- **Economical**

Especially advantageous cost/benefit ratio

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Designation	MVP12 DI16 IOL	MVP12 DI8 DO8 IOL
Art. No.	59401	59402
IO-Link (M12)		
Specification	Version 1.1	Version 1.1
Port Class	Type A	Type B
COM2 (38.4 kBaud)	Yes	Yes
Input (M12)		
24 V DC (EN 61131-2), PNP (EN 61131-2), Type 3, max. 100 mA (short-circuit and overload protected)*	16x	8x
Output (M12)		
24 V DC (EN 61131-2) max. 4 A, max. 0.4 A (short-circuit and overload protected)	–	8x
Mechanics		
Shock EN 60068 part 2-27	50g	50g
Operating temperature	-25 °C...+70 °C	-25 °C...+70 °C

* A driver performance of 1000 mA on PIN 1/3 of the IO-Link Master is recommended