

BASIC IO-LINK HUB

Space Saving, Lower Cost Option

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

The basic version of Murrelektronik's MVP12 IO Link hub is an economical solution for high-quality decentralized installation.



Universal

- IO-Link Version 1.1

Optimal Diagnostics

- Module granular shut off in the event of a short circuit
- Robust Housing

Economical

	MVP12-M DI16 IOL	MVP12 DI8 DO8 IOL
Article Number	59401	59402
IO-Link (M12)		
Specification	Version 1.1	
Port Class	Type A	Type B
COM2 (38.4 kBaud)	Yes	
Input (M12)		
24V DC (EN 61131-2), PNP (EN 61131-2), Type 3, max. 100mA (short-circuit and overload protected)*	16x	8x
Output (M12)		
24V DC (EN 61131-2) max. 4A, max. 0.4A (short-circuit and overload protected)		8x
Mechanics		
Shock (EN 60068) Part 2-27	50g	
Operating Temperature	-25° to +70°C	

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

Related MURRELEKTRONIK Products

Impact67/MVK



Analog Converter



Inductive Coupler



Solid67



Ethernet Cable



IO-LINK HUB

Plug and Play Diagnostics

With Murrelektronik's IO-Link hubs, several digital sensors and actuators can easily be connected via a standard sensor cable to an I/O link master.

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



Versatile and Universal

- IO-Link Version 1.1

Optimal Diagnostics

- Simple, channel-granular diagnostics
- Disabling of individual channels in case of error

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

- The DI8-DO8 outputs can be safely shut off up to performance level d with Murrelektronik's MIRO SAFE+ relay

	MVP12-M DI8 DO8 IOL K3	MVP12-M DI16 IOL
Article Number	55518	55519
IO-Link (M12)		
Specification	Version 1.1	
Port Class	Type B (Galv. Isolated)	Type A
COM2 (38.4 kBaud)	Yes	
Input (M12)		
24V DC (EN 61131-2), PNP (EN 61131-2), Type 3, max. 100mA (short-circuit and overload protected)*	8x	16x
Output (M12)		
24V DC (EN 61131-2) max. 4A, max. 0.4A (short-circuit and overload protected)	8x	
Mechanics		
Shock (EN 60068) Part 2-27	50g	
Operating Temperature	-25° to +70°C	

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