

IO-LINK HUBS



stay connected



With Murrelektronik's IO-Link hubs, several digital sensors & actuators can easily be connected via a standard sensor cable to an IO-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 PL d (EN ISO 13849-1)

- The DI8-DO8 outputs can be safely shut off up with Murr'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. Separation)	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

Related MURRELEKTRONIK Products

Impact67/MVK



Analog Converter



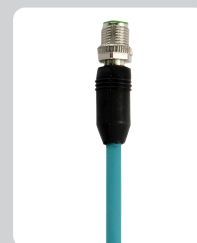
Inductive Coupler



Solid67



Ethernet Cable





MVP8 & MVP12

With the Murrelektronik MVP8 and MVP12 IO-Link hubs, several digital sensors and actuators can be easily connected to an IO-Link master via a standard sensor cable. These hubs are an economical solution for a high-quality decentralized installation.

Universal

- IO-Link Version 1.1

Optimal Diagnostics

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



	DI16	DIO16	DIO8 DIO8	DI8 DO8	DIO8	DIO4 DIO4	DI16	DIO16	DIO8 DIO8	DIO8	DIO4 DIO4
Article Number	59710	59719	59718	59402	59507	59504	59810	59819	59818	59607	59604
Type	Plug & Play						Extended Parameters				
Connections											
IO-Link	M12 3-pole A-coded		M12 5-pole A-coded	M12 3-pole A-coded		M12 5-pole A-coded	M12 3-pole A-coded		M12 5-pole A-coded	M12 3-pole A-coded	
I/O Ports	5-pole A-coded M12				3-pole M8		5-pole A-coded M12			3-pole M8	
IO-Link											
Port Class	A		B	A		B	A		B	A	
Operating Modes	COM3 (230.4 kBaud)			COM2 (38.4 kBaud)	COM3 (230.4 kBaud)						
Diagnostic											
Communication Status	via LED										
Diagnostic via LED	module and channel status										
Input											
Switching Current (max.)	0.5A per port			0.1A per port	1A per 2 ports		0.5A per port			1A per 2 ports	
Output											
Switching Current/ Output (max.)		0.5A per channel	2A per channel	0.4A per channel	0.5A per channel	2A per channel		0.5A per channel	2A per channel	0.5A per channel	2A per channel
General Data											
Temperature Range	-25° to +70°C										
Protection	IP68										
Dimensions (HxWxD)	126 x 50 x 34.5mm				126 x 30 x 34.5mm		126 x 50 x 34.5mm			126 x 30 x 34.5mm	