

IO-Link Hub for M12 × 1

EP8H001

Part Number



- 16 freely selectable input and output pins
- 8 digital I/O ports
- IP67 degree of protection for harsh industrial environments

This IO-Link hub enables simple expansion with 16 digital inputs or outputs via a single IO-Link master port. Each port can be automatically identified as an input or output and has status LEDs.

Technical Data

Electrical Data

Supply Voltage	18...30 V DC
Max. Current Consumption	4 A
Max. current consumption per port	0,5 A
max. total current of the digital I/O ports	4 A
Sensor Supply Voltage (Pin 1)	2 A
Temperature Range	-25...70 °C
Digital I/O ports short circuit protected	yes
Digital I/O ports overload protected	yes
Digital I/O ports reverse polarity protected	yes
Short Circuit Protection	yes
Reverse Polarity Protection	yes
Overload Protection	yes
Communication Mode IO-Link	COM3
Interface	IO-Link V1.1
Protection Class	III
Shock resistance per DIN IEC 68-2-27	50 g / 11 ms
Vibration resistance per DIN IEC 60068-2-6	15 g (5...500 Hz)

Mechanical Data

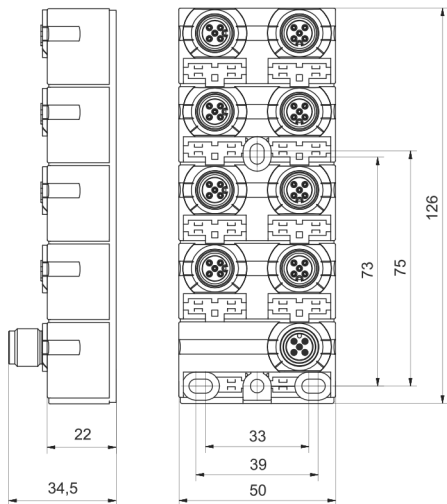
Housing Material	Plastic, PBT/PC
Degree of Protection	IP68
Type of connection digital I/O ports	8 × M12 × 1; 5-pin, A-coded
IO-Link port connection type	M12 × 1, 5-pin, A-coded

Scope of delivery	1 × IO-Link hub
Packaging unit	1 Piece

Connection Table No.	61
Suitable Connection Equipment No.	3

Complementary Products

Closing caps
IO-Link Master



All dimensions in mm (1 mm = 0.03937 Inch)

