

IO-Link Master

PROFINET

EP8P001

Part Number



- 8 flexible and configurable IO-Link ports
- Integrated cloud interfaces for Industrie 4.0 (IIoT-ready)
- IP67 degree of protection for harsh industrial environments
- Web server with a wide range of options, e.g. IODD interpreter
- wenglor IODD on board

These IO-Link masters enable IO-Link devices (sensors and actuators) to be connected with PROFINET. All ports can also be used as digital input (DI) or output (DO) and configured as Class A or Class B port. With its IP67 degree of protection, the IO-Link master is suitable for use in harsh industrial environments.

Technical Data

Electrical Data	
Supply Voltage	18...30 V DC
Max. Current Consumption	16 A
Power consumption of device max.	0,18 A
Max. Switching Current Switching Outputs	2 A
Max. Switching Current Switching Outputs IO-Link	2 A
max. total current of the digital I/O ports	10 A
Sensor Supply Voltage (Pin 1)	2 A
Temperature Range	-40...70 °C
Atmospheric humidity	≤95%
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
Standard I/O-Pins	16
Number of IO-link ports	8
Inputs according to DIN EN 61131-2:2003	Type 1
Inputs according to DIN EN 61131-2:2003	Type 3
Protection Class	III
Shock resistance per DIN IEC 68-2-27	50 g / 11 ms
Vibration resistance per DIN IEC 60068-2-6	20 g (58...150 Hz)
Mechanical Data	
Setting Method	Web server
Housing Material	Plastic, PBT/PC
Degree of Protection	IP67
Type of connection digital I/O ports	8 × M12 × 1; 5-pin, A-coded
Type of Connection Power	2 × M12 × 1; 5-pin, L-coded
Type of Connection Industrial Ethernet Ports	2 × M12 × 1; 5-pin, D-coded
Scope of delivery	1 × IO-Link master
Connection Table No.	60
Suitable Connection Equipment No.	3

Complementary Products

IO-Link converter
IO-Link hubs

