

## Increase your machine flexibility with IO-Link solutions

IO-Link is a standardized communication protocol that bridges the gap between sensors and automation systems. It enables intelligent, bi-directional communication, providing real-time data exchange, diagnostics, and parameterization.

Data is the foundation of Industry 4.0 and the access to additional sensors data through IO-Link provides real-time process insights to optimize operations, improve product quality and reduce costs.

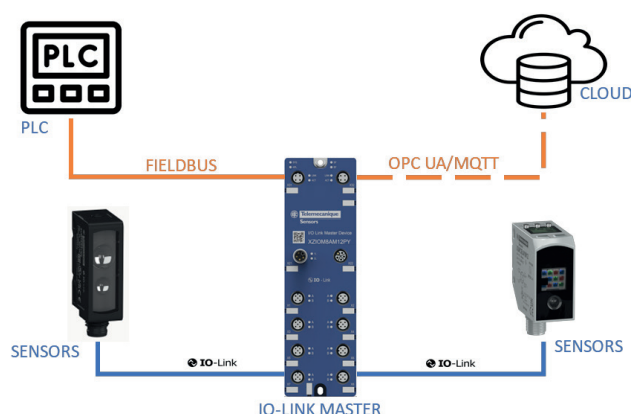
## Unlock the full potential of sensors with IO-Link

**Remove complexity** with simplified architecture, automatic parameter settings and error free integration option

**Reduce your cost** with simplified installation and reduction in cables and sensor types

**Shorten commissioning time** with quick configuration and standard cables

**Increase machine uptime and productivity** with continuous monitoring of device and sensor performances



### Easy to Integrate

Save up to 2 weeks of time and effort in integration through our data function blocks for top PLCs.

Easy cloud connection with integrated OPC UA Server & MQTT protocol.

### Easy to Install

The Daisy Chain option for power and communication simplifies installation, leading to 25 to 30 % cost savings on cables.

Effortless installation with Plug & Play Sensors.

### Easy to Use

Multiple configurations tools: Standalone software & web configurator.

Download & install the right IODD file in a single click Integrated IODD finder.

# IO-Link Master

IO-Link master is the interface between sensors and PLCs, connecting sensors through IO-Link communication & PLC through the Fieldbus network. IO-Link master enables high speed bi-directional data exchange between the controller and the IO-Link devices, such as sensors that can share data, events & notifications directly to the controller and to the cloud via OPC UA & MQTT protocols.

## EFFECTIVE POWER SUPPLY

2 Galvanically separated powersupply lines up to 16A

## HIGH RESISTANCE

Operational from -20 °C to 70°C temperature  
High immunity to EMC, Vibrations



## 8 CONFIGURABLE CLASS A PORTS

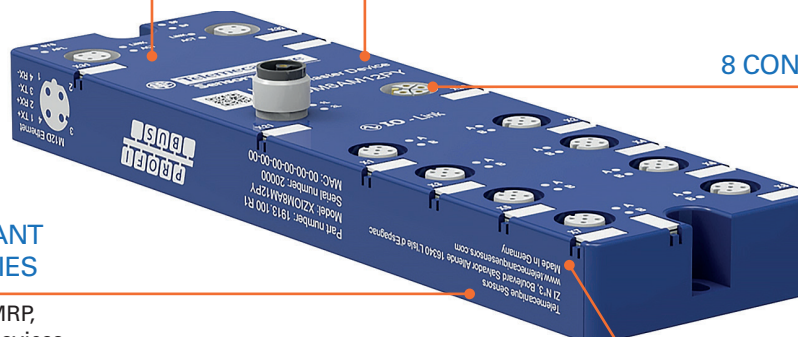
Up to 3A current output per port



EtherNet/IP

## SUPPORTS REDUNDANT NETWORK TOPOLOGIES

Seamlessly integrates to MRP,  
DLR Topologies as client devices



## INTEGRATED SENSORS FOR MONITORING

Monitors current, voltage & temperature for each port  
Diagnosis information and events over OPC UA client  
Internal current overload protection

## References

### IO-Link Masters

Reference	Description
XZIOM8AM12EY	IO-Link Master, 8 ports, Class A, IP67, M12, Ethernet/IP, 24VDC
XZIOM8AM12PY	IO-Link Master, 8 ports, Class A, IP67, M12, Profinet, 24VDC

### Power Cables

Reference	Description
XZCPK75DL2	IO-Link Master Single-Ended Pre-wired, L-Coded Power cable, Female, straight, 5-Pin(4+FE), PUR, 1.5 mm², 2 m
XZCPK75DL5	IO-Link Master Single-Ended Pre-wired, L-Coded Power cable, Female, straight, 5-Pin(4+FE), PUR, 1.5 mm², 5 m
XZCPK75CL2	IO-Link Master Single-Ended Pre-wired, L-Coded Power cable, Female, elbowed, 5-Pin(4+FE), PUR, 1.5 mm², 2 m
XZCPK75CL5	IO-Link Master Single-Ended Pre-wired, L-Coded Power cable, Female, elbowed, 5-Pin(4+FE), PUR, 1.5 mm², 5 m
XZCR25K25DL2	IO-Link Master Jumper Power cable, Male straight M12 5 pin, Female straight M12 5 pin, PUR, 1.5 mm², 2 m
XZCR25K25DL5	IO-Link Master Jumper Power cable, Male straight M12 5 pin, Female straight M12 5 pin, PUR, 1.5 mm², 5 m
XZCR26K26CL2	IO-Link Master Jumper Power cable, Male elbowed M12 5 pin, Female elbowed M12 5 pin, PUR, 1.5 mm², 2 m
XZCR26K26CL5	IO-Link Master Jumper Power cable, Male elbowed M12 5 pin, Female elbowed M12 5 pin, PUR, 1.5 mm², 5 m

### Ethernet Cables

Reference	Description
XGSZ12E4503	Ethernet copper cable, M12 D coded to RJ45, 3 m
XGSZ12E4510	Ethernet copper cable, M12 D coded to RJ45, 10 m
XGSZ22E4503	Ethernet copper cable, Jumper M12/RJ45 straight/elbowed shielded 3 m
XGSZ22E4510	Ethernet copper cable, Jumper M12/RJ45 straight/elbowed shielded 10 m



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