PURE.IO



IO-LINK IN ITS PUREST FORM

pure.IO from Murrelektronik sets new standards in IO-Link technology and enables easy use in all standard applications in production and intralogistics.

The pure.IO portfolio with powerful IO-Link masters with multiprotocol and IO-Link I/O modules impresses with its ultra-compact and lightweight housing design.

The integrated LED status indication provides complete 360° visibility for monitoring the module status – for greater transparency and efficiency.

YOUR ADVANTAGES:

- Ultra-compact and lightweight
- Multiprotocol with PROFINET, EtherNet/IP and EtherCAT
- IO-Link extension port on IO-Link I/O modules for daisy-chaining
- Patented innovative status indication thanks to corner LEDs for 360° visibility
- Simple and error-free installation with uKonn-X

DETAILS THAT MAKE THE DIFFERENCE

PURE.IO IO-LINK MASTER



TWO POWER CONNECTION OPTIONS

M12 power connector with L-coding or A-coding

8x IO-LINK

INNOVATIVE STATUS INDICATION

3 LEDs per port and 4 corner LEDs for 360° visibility

MULTIPROTOCOL

with PROFINET, EtherNet/IP and EtherCAT, IIoT (REST API & MQTT) and WebUI

HARDWARE RESET BUTTON

integrated under the M12-D connector

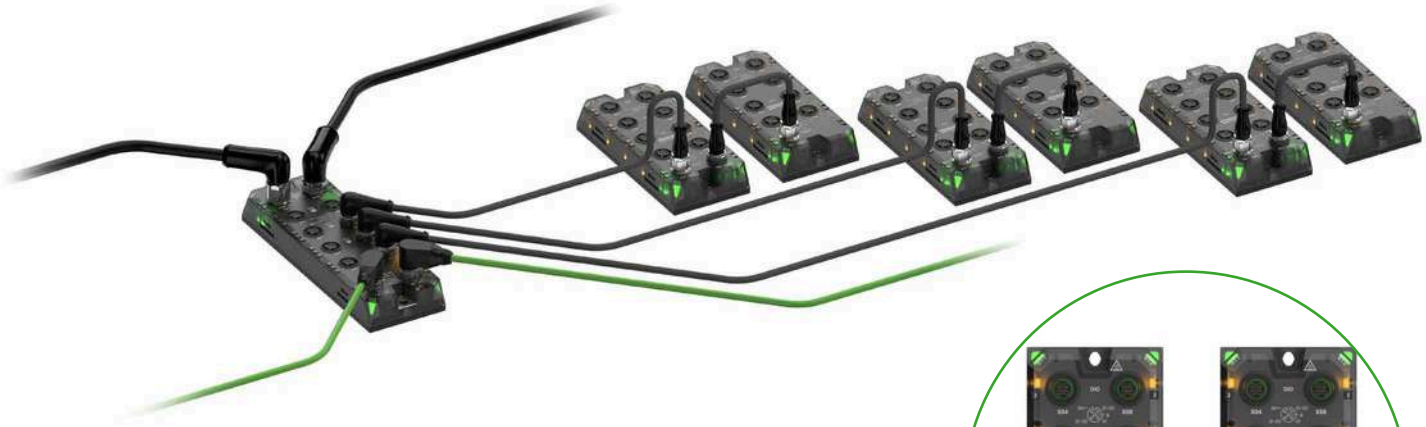
IO-LINK CONNECTIVITY 2.0

IO-LINK DAISY-CHAIN WITH PURE.IO

Less effort. More connectivity. More possibilities for decentralized installations. In addition to daisy-chain power and fieldbus via the IO-Link master, the new pure.IO IO-Link I/O modules now also enable IO-Link daisy-chaining.

IO-Link taken to the next level.
No port loss. Greater range. Maximum flexibility.

- Daisy-chain for power, fieldbus and IO-Link
- Up to 256 I/Os per master
- Up to 40 m connection length thanks to IO-Link extension port (2 x 20 m)
- Plug & Play – no configuration or parameterization necessary





YOUR ADVANTAGES:

- Significantly less cabling and installation effort
- Versatile installation options and maximum flexibility
- Lower costs
- Fast diagnosis and easy maintenance

INNOVATION IN A NEW FORM

ULTRA-COMPACT & LIGHTWEIGHT:

- 20 % more compact and 2.5 times lighter *
- Most compact and lightweight IO-Link master with power and fieldbus daisy-chaining
- space-saving installation - especially for moving plant components

DISASSEMBLY-FRIENDLY

- Plastic housing without potting
- Components can be removed separately

** as conventional fieldbus modules*

INNOVATIVE STATUS INDICATION



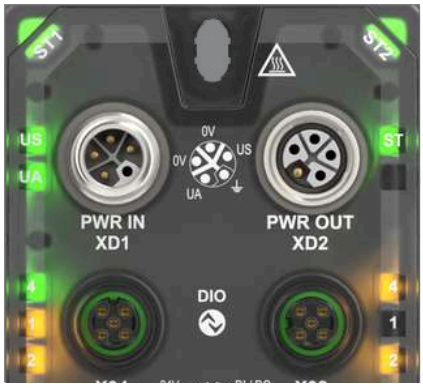
360° view

Unique lighting thanks to integrated corner LEDs provides a 360° view of the module status.



Maximum visibility

The diagnostic and status LEDs are fully visible from all sides.



Transparent process control

Three LEDs per port make every step in the process immediately visible.

PURE.IO PRODUCT FAMILY



IO-Link Master (A/B) IOL8 DIO8		
Power	**Protocol**	**Art.-No.**
M12-L	PROFINET (Default) + Multiprotocol	**500A-PLMM1-DLAL000**
M12-L	EtherNet/IP (Default) + Multiprotocol	**500A-PLMM2-DLAL000**
M12-L	EtherCAT (Default) + Multiprotocol	**500A-PLMM3-DLAL000**



IO-Link Master (A/B) IOL8 DI8		
Power	**Protocol**	**Art.-No.**
M12-A	PROFINET (Default) + Multiprotocol	**500A-PLMM1-DAAL100**
M12-A	EtherNet/IP (Default) + Multiprotocol	**500A-PLMM2-DAAL100**
M12-A	EtherCAT (Default) + Multiprotocol	**500A-PLMM3-DAAL100**



IO-Link I/O module DIO16 (CG)			
I/O	**Protocol**	**PNP/NPN**	**Art.-No.**
M12-A	IOL Class A (+P24)	**PNP**	**500A-PIOIC-A0AD000**
M12-A	IOL Class A (+P24)	**NPN**	**500A-PIOIC-A0AN000**



IO-Link I/O module DIO16 (CG) with extension port			
I/O	**Protocol**	**PNP/NPN**	**Art.-No.**
M12-A	IOL Class A (+P24)	**PNP**	**500A-PIOIC-A0AD00E**
M12-A	IOL Class A (+P24)	**NPN**	**500A-PIOIC-A0AN00E**

The information contained herein has been compiled with the utmost care. Liability for the correctness, completeness and topicality of the information is restricted to gross negligence.