

IO-LINK MULTIPLIER



FROM 1 TO 4: ONE MASTER PORT. FOUR IO-LINK PORTS.

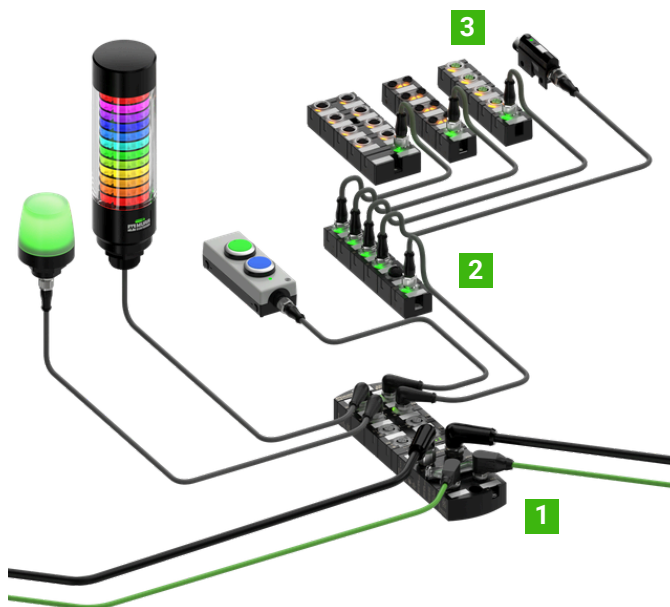
The IO-Link Multiplier redefines the IO-Link standard: The IO-Link signal is multiplied in such a way that a single IO-Link master port provides four fully functional IO-Link ports with the help of the Multiplier. This allows up to four IO-Link devices to be operated from a single master port—for greater flexibility, less wiring, and significantly lower costs. No compromises are made: Full IO-Link functionality is retained, including complete transparency regarding process data, diagnostic data, and parameters for each device. Thanks to its robust, compact design and IP65/67 protection, the IO-Link Multiplier is designed for reliable use in virtually all industrial applications.

YOUR ADVANTAGES

- Full IO-Link functionality
- Full transparency with process and diagnostic data from all devices
- Robust and industrial-grade, with IP65/67 protection
- Saves space and weight compared to conventional fieldbus modules
- Easy installation thanks to Plug & Play and can be configured without additional tools

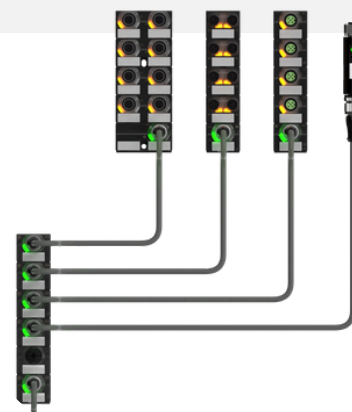
BUILT TO MULTIPLY.

MORE IO-LINK. MAXIMUM EFFICIENCY.



- 1 IO-Link Master
- 2 IO-Link Multiplier
- 3 IO-Link Devices

- 1x M12 A-coded IN (IO-Link Class A)
- 4x M12 A-coded OUT (IO-Link Class A)
– 4x IO-Link / 8x DI / 4x DO
- LED status indication per channel
- 32 bytes of process data are distributed across four IO-Link ports on the multiplier (the distribution can be adjusted as needed)
- 40 m system extension (20 m from the IO-Link master to the multiplier and another 20 m from the multiplier to the IO-Link device)



YOUR ADVANTAGES:

- High flexibility and even more possibilities thanks to the modular design of IO-Link
- Lower costs due to reduced component requirements
- Reduced wiring and easy integration
- Faster troubleshooting and easier maintenance thanks to advanced diagnostic features
- Ideal for space-constrained installations, movable system components, and retrofit system expansions

PRODUCT DATA



Art.-No.
500E-QLHIA-A0ALD00

DEVICE

Connection	M12-A IO-Link Class A
Total current US (L+)	≤4A
Process data(Summe XZ2-XZ5)	max. 32 Byte IN/OUT
Ambient temperature	-25°C...60°C
Protection class	IP65/67

IO-LINK PORTS

Connection	M12-A IO-Link Class A (4 IOL/DIO-4DI)
Power supply IOL	≤0,5A
Output current DO	0,2A

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.