



IO-Link

# M8 input module converts digital signals to IO-Link signals



IO-Link modules



To expand IO-Link master modules by digital inputs

Compact due to M8 sockets

Robust plastic housing in a small design for limited space

Short-circuit and overload detection



## Digital inputs for IO-Link

The new IO-Link input modules provide an easy and cost-effective way to expand the IO-Link master modules for field use by digital inputs. The compact M8 version is used when digital signals have to be collected in a very small space.

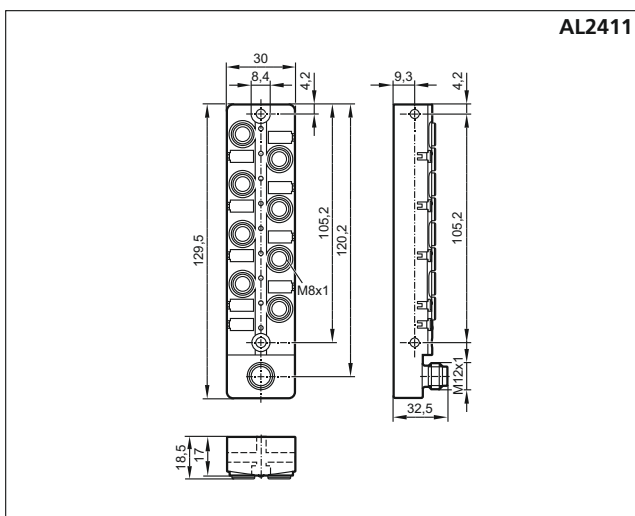
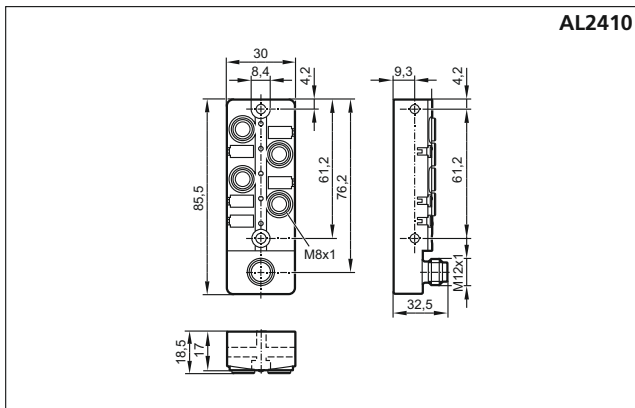
Up to eight overload and short-circuit protected M8 ports are available. They collect 8 digital sensor signals in a decentralised manner and convert them to IO-Link communication. The connection to the master is established via an M12 connection cable. Fault analysis is available via IO-Link.

## Robust



The robust plastic housing resists the harsh requirements in the field.



## Dimensions






## The products



Type	Description	Order no.
<b>Active IO-Link input module, Coolant</b>		
	4 x 1 inputs; IO-Link device V1.1; socket M8 x 1; O-ring; IP67	<b>AL2410</b>
	8 x 1 inputs; IO-Link device V1.1; socket M8 x 1; O-ring; IP67	<b>AL2411</b>

Further technical data	Order no.	
	AL2410	AL2411
Operating voltage [V DC]	18...30	
Max. current consumption via IO-Link [mA]	550	1050
Total current rating for all inputs [mA]	400	800
Ambient temperature [°C]	-25...70	
Housing materials	PBT; socket: nickel-plated brass; O-ring (socket): Viton	

## Accessories

Type	Description	Order no.
	IO-Link master with Profinet interface	<b>AL1100</b>
	USB IO-Link master for parameter setting and analysis of units Supported communication protocols: IO-Link (4.8, 38.4 and 230 kBit/s)	<b>E30390</b>
	LR DEVICE (supplied on USB flash drive) Software for online and offline parameter setting of IO-Link sensors and actuators	<b>QA0011</b>

## Connection technology

Type	Description	Order no.
	Connection cable M12 / M12, 0.5 m PUR cable, 4 wires, 1 mm <sup>2</sup> , suitable for drag chains, halogen-free, silicone-free	<b>EVC717</b>
	Connection cable M12 / M12, 2 m PUR cable, 4 wires, 1 mm <sup>2</sup> , suitable for drag chains, halogen-free, silicone-free	<b>EVC719</b>