



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.

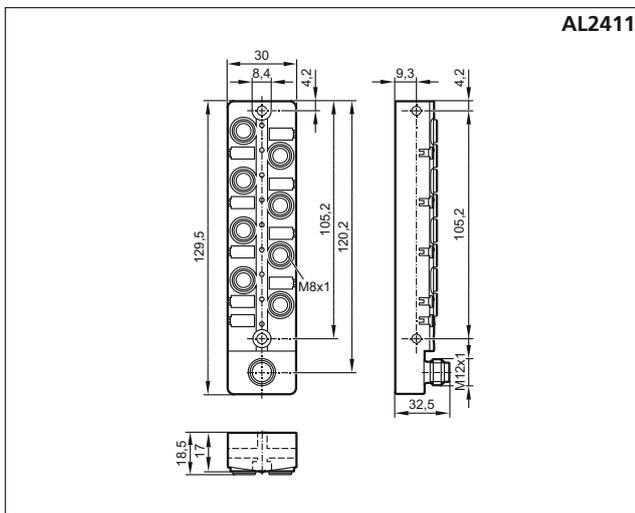
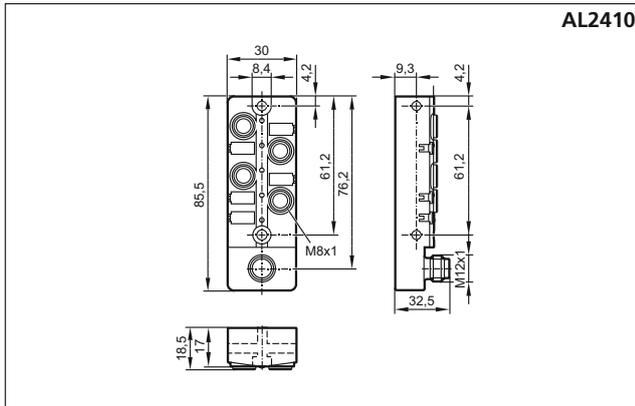
Up to eight overload and short-circuit protected M8 ports are available. They collect 8 digital sensor signals in a decentralised manner and convert them to IO-Link communication. The connection to the master is established via an M12 connection cable. Fault analysis is available via IO-Link.

Robust

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



Dimensions



The products

Type	Description	Order no.
------	-------------	-----------

Active IO-Link input module, Coolant

	4 x 1 inputs; IO-Link device V1.1; socket M8 x 1; O-ring; IP67	AL2410
	8 x 1 inputs; IO-Link device V1.1; socket M8 x 1; O-ring; IP67	AL2411

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	AL1100
	USB IO-Link master for parameter setting and analysis of units Supported communication protocols: IO-Link (4.8, 38.4 and 230 kBit/s)	E30390
	LR DEVICE (supplied on USB flash drive) Software for online and offline parameter setting of IO-Link sensors and actuators	QA0011

Connection technology

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