



# Connected, yet safely separated

Field-compatible IO-Link master with IoT connection

- Separation of automation and IT network protects the installation from unauthorised access from outside
- Product versions enable simple connection to all common fieldbuses
- Easy parameter setting of master and devices using [moneo|configure free](#)



**ifm** – close to you!

Description	Order no.	
	Coolant (orange)	Food (grey)
<b>IO-Link master DataLine · 4x A-port</b>		
PROFINET + IoT	<b>AL1304</b>	<b>AL1305</b>
EtherNet/IP + IoT	<b>AL1324</b>	<b>AL1325</b>
EtherCAT + IoT	<b>AL1330</b>	<b>AL1331</b>
Modbus TCP + IoT	<b>AL1340</b>	<b>AL1341</b>
IoT only	<b>AL1350</b>	<b>AL1351</b>
Powerlink + IoT	<b>AL1370</b>	<b>AL1371</b>
<b>IO-Link master DataLine · 8x A-port</b>		
PROFINET + IoT	<b>AL1306</b>	<b>AL1307</b>
EtherNet/IP + IoT	<b>AL1326</b>	<b>AL1327</b>
EtherCAT + IoT	<b>AL1332</b>	<b>AL1333</b>
Modbus TCP + IoT	<b>AL1342</b>	<b>AL1343</b>
IoT only	<b>AL1352</b>	<b>AL1353</b>
Powerlink + IoT	<b>AL1372</b>	<b>AL1373</b>

**Secure exchange between OT and IT level**

Even in the modern world of Industry 4.0, securing your system infrastructure against external influences is a top priority. The IoT-enabled IO-Link master modules act as decentralised gateways in the automation network and forward the data from the connected sensors to the fieldbus. The connection to the IT level is made via a separate IoT Ethernet socket. The data is transmitted via the established TCP/IP JSON interface. This allows you to process relevant process data in the IT level and in ERP systems while maintaining the safety of your installation.

**Convenient parameter setting using moneo|configure free**

The intuitive **moneo|configure free** software automatically detects your entire IO-Link infrastructure and arranges it in the defined tree structure in a clear manner. Masters and sensors are displayed with their respective parameters and can be managed centrally in the software.

**Robust field bus modules for demanding applications**

Thanks to their special housing material and high ingress resistance, the modules can be used in coolant applications or directly in wet areas in the food industry. The ecolink technology guarantees reliable, permanently ingress-resistant M12 connections of the connection cables.

With the corresponding accessories, additional auxiliary power for the connection of IO-Link actuators can be supplied. The cable can be up to 20 metres long.

Common technical data	
Voltage supply	M12 A-code, 3.9 A (US)
IIoT port	HTTP(S), JSON, MQTT
Output power	[mA] 300
<b>Coolant (orange)</b> Protection rating Housing Socket / connector	IP67 polyamide nickel-plated brass
<b>Food (grey)</b> Protection rating Housing Socket / connector	IP69K polyamide stainless steel

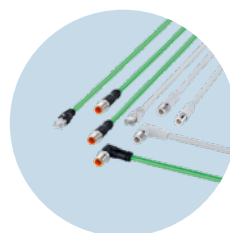
**BEST FRIENDS**



**moneo|configure free**  
Software for parameter setting of the IO-Link infrastructure



**Ethernet modules**  
Transmit digital sensor data from the field to the fieldbus



**Ethernet cables**  
Available in various lengths and versions



For further technical details, please visit: [ifm.com/fs/AL1304](http://ifm.com/fs/AL1304)