More IO-Link, less space

Space-saving I/O module for control cabinets

• Takes up little space thanks to its compact design

• Integrate up to 16 sensors and/or actuators quickly and easily

• Prepared for DIN rail mounting, wall mounting is also possible

IP20

IO-Link

ifm – close to you!

Description	Order no.
I/O module for IO-Link	**AL5121**

Technical data		
Operating voltage	[V DC]	18...30
Inputs/outputs (configurable)		16
Digital input circuit		PNP (type 3 (IEC 61131-2))
Max. current load of the outputs in total	[A]	1
Communication interface		IO-Link
Protection rating		IP20

For use in the control cabinet and in the field

The IO-Link I/O module simplifies integration of sensors and actuators with conventional wiring in the control cabinet as well as in field applications with low IP protection class requirements, such as in protected machine housings or under clean room conditions.

Simple digitalisation of up to 16 devices

Up to 16 devices (sensors and/or actuators) can be integrated via the I/O module. Thanks to the spring clamp system, assembly is quick and uncomplicated. The ports of the I/O module allow for flexible configuration as inputs or outputs.

If sensors are connected to the IO-Link data communication technology via the I/O module, the sensor information can be read out centrally at IT level. IO-Link devices can also be configured centrally and conveniently via the IT level.
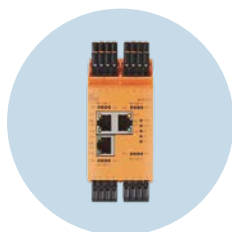
Power supply for external actuators

The module is supplied with power from an IO-Link A-port master. The total current consumption of all I/Os can be up to 1 A, which ensures an efficient supply of external actuators.

Uncomplicated installation with low space requirements

The I/O module itself is also quick to install thanks to the integrated DIN rail mount and, being just 43 millimetres wide, takes up very little space.

BEST FRIENDS

IO-Link master
For installation in control cabinets

24 V switched-mode power supply
Power supply of sensors and actuators

Air humidity sensor
Monitors temperature and humidity in the control cabinet

For further technical details, please visit:
ifm.com/fs/AL5121