



Maximum performance, minimum risk

IO-Link output module for safe and non-reactive switching

- 16 digital outputs per module for independent circuits
- Up to 4A per port and 16A total current
- 2 digital outputs per port controllable
- Without interaction in applications up to PL d (category 3)

ifm – close to you!



IP67

IP69



Safely perform decentralised switching tasks

With the new IO-Link digital output modules, ifm offers a reliable solution for decentralised switching tasks in safety-related applications. The modules have been specially developed for applications in which high currents must be switched while maintaining electrical isolation and freedom from interference.

Two independent circuits per module

Each module has 16 digital outputs, which are electrically isolated in two groups. This allows actuators to be controlled in a targeted manner in two independent circuits. Up to 4A can be switched per port, and the total current per module can be up to 16A.

Safe switching (off)

What makes the new modules special is their non-interaction up to Performance Level d (Category 3). The special design eliminates the theoretical error of an output being supplied with voltage even though the supply voltage has been switched off.

Wide range of applications

The modules are used wherever high currents need to be switched and safety functions need to be implemented, for example in industrial automation, the automotive, pharmaceutical, chemical and food industries.

A version with protection rating IP69 is available for use in hygienic and wet areas.

The IO-Link modules offer a cost-effective way to meet the requirements of the Machinery Directive without compromising on availability and reliability.

Description	Order no.
IO-Link module IP67	AL2637
IO-Link module IP69	AL2537

Technical data		
Ports		2 x 4 (with 2 digital outputs each)
Switchable current paths		2 (with 4 ports each)
Total current per port pair	[A]	4
Current rating Module total	[A]	16
Safety category		PL d (Category 3)

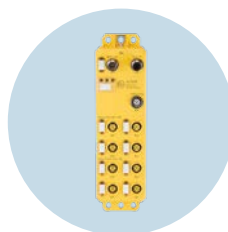
BEST FRIENDS



Safety relay
For connecting safety switches and sensors



Switched-mode power supply
Higher degree of protection thanks to configurable electronic fuses



PROFIsafe IO-Link module
With secure inputs and outputs for switches and sensors



For further technical details, please visit:
ifm.com/fs/AL2637