Pilz PDP67 F 8DI ION

I/O Module



$650.00

In Stock

Qty Available: 1

New From Surplus Stock

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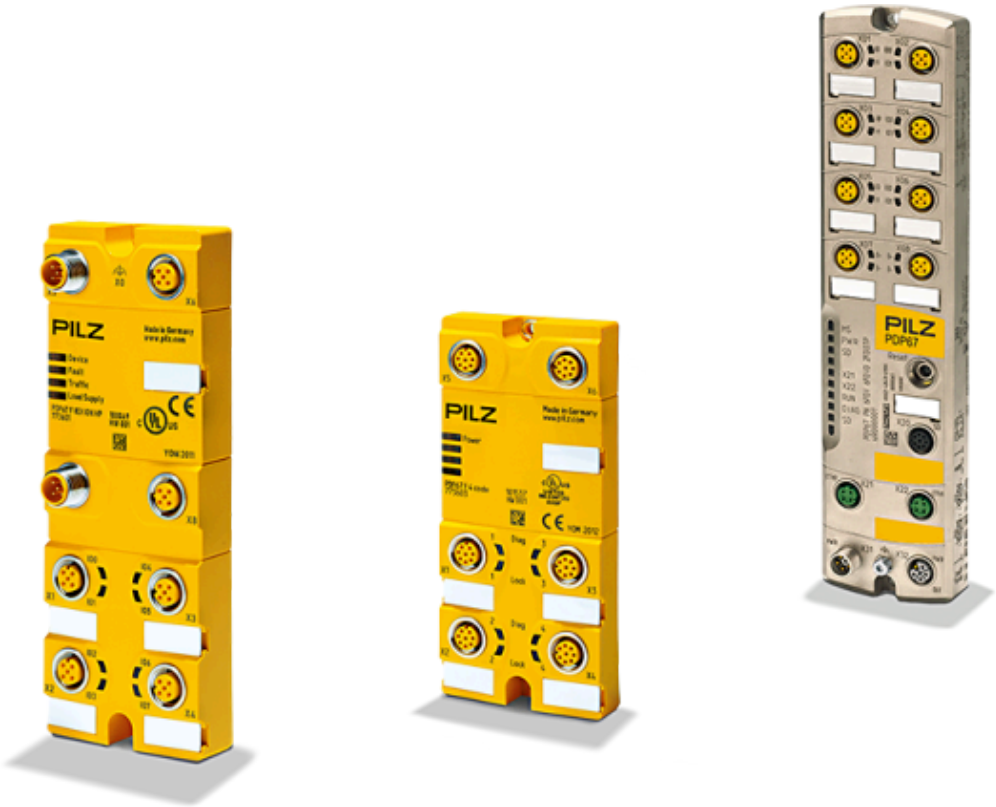
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Menu

IP67 modules

For cabinet-free installation with IP67



With the PDP67 modules, Pilz offers solutions for **decentralised applications directly in the field**. The modules have **protection type IP67**, meaning they are resistant to dirt and water. The decentralised modules optimise installation and wiring work. They save time, money and space in the control cabinet.

As they are integrated into dirt and water-repellent IP67 housings, the PDP67 modules reliably ensure safety even in rugged industrial environments.

You'll find the required cable, connector and adapter accessories under **Connection technology**

Decentralised safety for modular plants

Flexible and modular automation solutions require I/O systems that offer **personnel and process protection directly at the point of danger**. The **new PDP67 PN with Profinet/Profisafe interface** enables exactly that. Thanks to the IP67 protection type and robust zinc housing it is ideal for positioning on the machine, outside of the control cabinet. It provides reliable safety even at temperatures of -30°C to 70°C!

The I/O module is simple to configure and can easily be integrated into existing Profinet/Profisafe networks. The absence of control cabinets and the use of simple M12 plug-in connectors reduces the wiring work significantly. That saves time during commissioning and enables modular production plants to be expanded with ease. Thanks to universal connections, which can be configured as both inputs and outputs, users only need to keep one type of PDP67 PN in stock. That saves additional space in the warehouse!

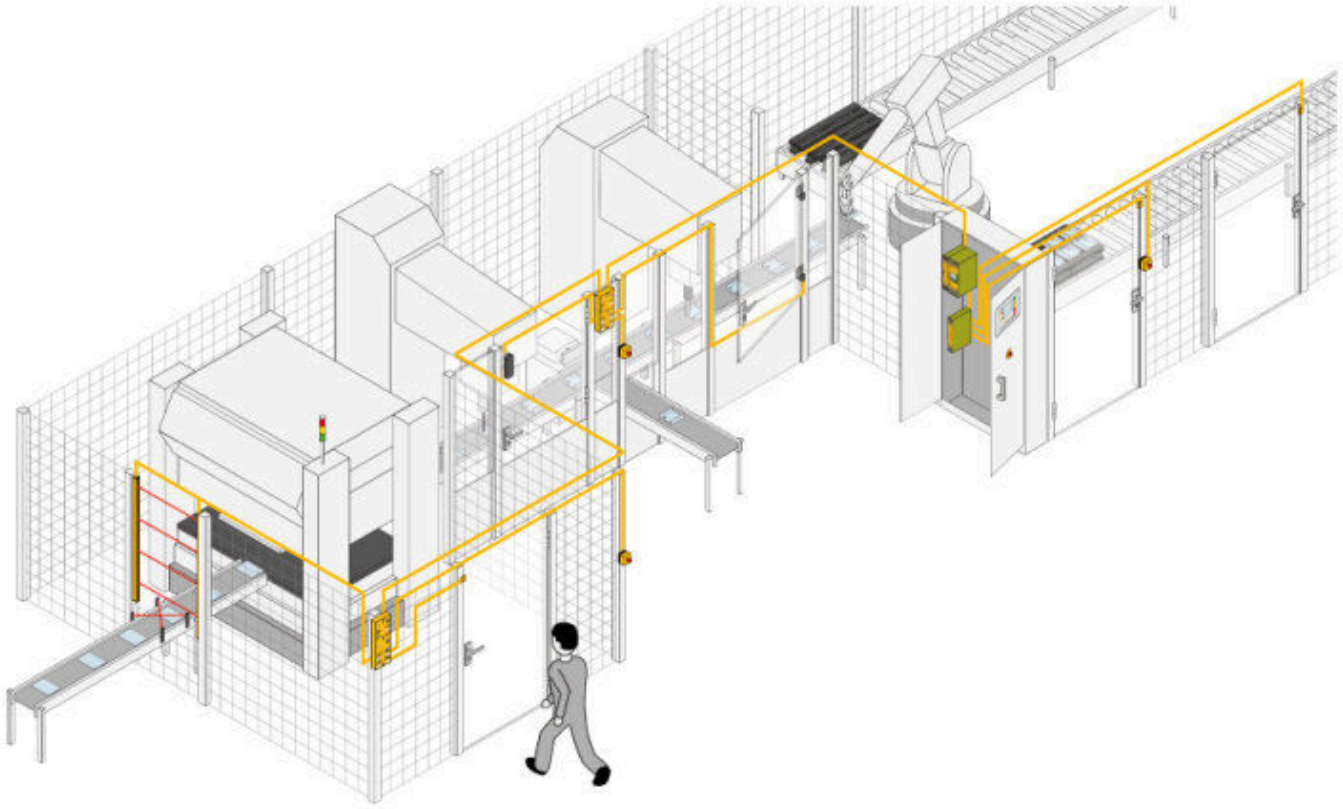
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Simple installation of IP67 modules – Your benefits

- Less planning and design work, thanks to simple installation
- No control cabinet necessary
- Enables a modular machine concept
- Can be used up to protection type IP67
- Reduced wiring

Features of IP67 modules



Reduced wiring due to plug-and-play with standardised M12 plug-in connections

Installation almost anywhere due to compact and robust housing

Decentralised installation of safety-related, digital sensor and actuator technology

Simple configuration due to proven PILZ tools

Integrated web server for rapid fault diagnostics (PDP67 PN)

Universally configurable, safe inputs/outputs (PDP67 PN)

Application in heights up to 5,000 m

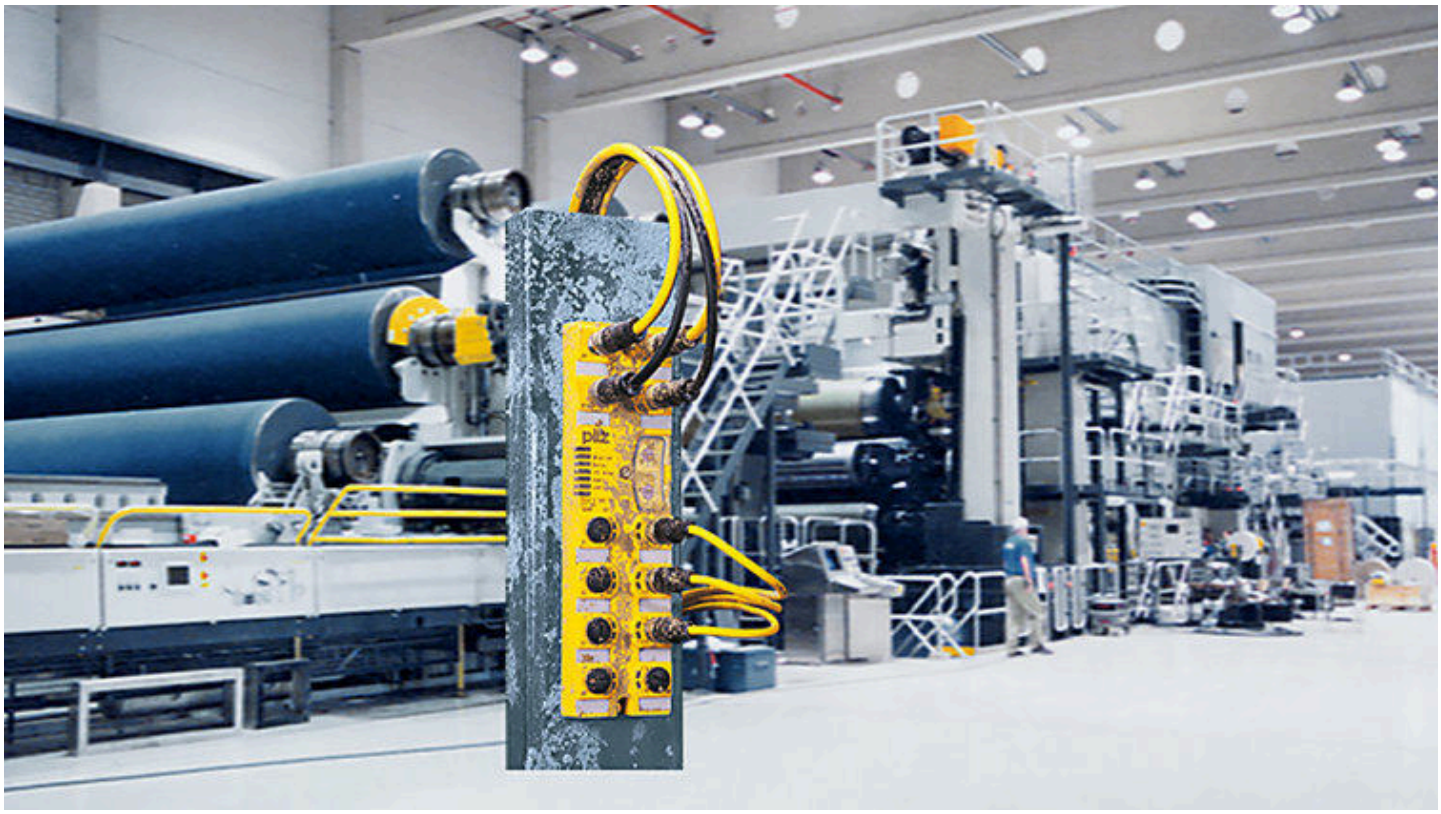
Features / products	Passive junction PDP67 F 4 code	Digital input modules PDP67 F 8DI ION (VA)	Decentralised input modules PDP67 F 8DI ION PT	Decentralised input and output modules PDP67 F 10DI4DO 5/8 ION (VA)	Profinet/Profisafe modules PDP67 PN
Order number	773603 773613 - with stainless steel screw connection	773600 773614 - with stainless steel screw connection	773616	772610 772611 - with stainless steel screw connection	4R000001
Bus protocol	-	IO-net p	IO-net p	IO-net p	Profisafe / Profinet
Cascadable					-
Plug-and-play M12 connector					
Diagnostic LED					
Configuration	-	PNOZmulti Configurator	PNOZmulti Configurator	PNOZmulti Configurator	PASconfig
Number of inputs and outputs	4 inputs	8 safe inputs/ standard outputs, configurable	8 safe inputs/ standard outputs, configurable	10 safe inputs / 4 safe semiconductor outputs	Up to 12 safe digital inputs (configurable), up to 6 safe digital outputs (configurable), 2 safe digital outputs, 2-pin
Housing	Plastic	Plastic	Plastic	Plastic	Die-cast zinc
Connection	PSENcode PSENslock	Configurable safe small controllers PNOZmulti	Configurable safe small controllers PNOZmulti	Configurable safe small controllers PNOZmulti 2	Any Profinet/Profisafe controller
To E-Shop	Order now	Order now	Order now	Order now	Order now

Decentralised and passive – decentralised safety

Modules with Profinet / Profisafe enable simple configuration and installation in Profinet/Profisafe networks. They expand our PDP product range and can be integrated into the network of remote I/O systems PSSuniversal 2. Sensors as well as actuators can be connected to an IP67 device thanks to flexibly configurable I/O ports. As such the device is highly flexible for use in the most diverse applications. It also simplifies your stockholding! Thanks to the robust, zinc housing it withstands temperatures of -30° to 70°C.

The passive junction PDP67 F 4 code enables the connection of up to four sensors PSENslock or PSENini. As well as being able to connect to the configurable control systems PNOZmulti, PNOZmulti Mini and PNOZmulti 2, safety relays PNOZsigma are also available.

The digital input and output modules PDP67 F 10DI4DO 5/8 ION and the digital input modules PDP67 F 8DI ION forward signals from the sensors connected decentrally in the field to the evaluation device PNOZmulti 2. Up to 64 sensors can be connected.



Industry uses – Wherever decentralisation plays an important role



- Packaging technology
- Machine tools
- Food industry
- Pharmaceutical industry

Our product range: IP67 modules

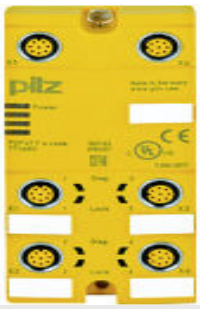


I/O Net p modules

The multi I/O modules are decentralised input modules which monitor safety functions directly in the field. They can be connected to various evaluation devices such as PNOZmulti or PNOZmulti Mini. Communication with the evaluation device is via a safe data link.

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Passive junction

Passive junctions optimise your installation and wiring effort by removing the need for additional, cost-intensive hardware. Up to 4 PSENcode units can be connected to any evaluation device (PNOZ X, PNOZsigma) via the passive junction, using M12 connection technology.

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Accessories for IP67 modules

Various accessories are available, such as connection cables and adapters.

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Downloads



PDP67 PN with Profinet/Profisafe interface

Flexible and modular automation solutions require I/O systems that offer personal and process protection directly at the point of danger. The new PDP67 PN with Profinet/Profisafe interface enables exactly that.

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Downloads

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