

► I/O module with protection type IP67 and PROFINET/PROFIsafe

NEW

Flexible and modular automation solutions require I/O systems that enable personnel protection directly at the danger zone. The new PDP67 PN with PROFINET/PROFIsafe interface is the ideal solution for safety outside the control cabinet. Thanks to its robust design with protection class IP67, it can be installed directly at the machine. This saves space in the control cabinet and enables modular plant designs. Thanks to universal connections that can be configured as both inputs and outputs, users only need to stock one unit type. This saves space in the warehouse! The PDP67 PN can be integrated into the network of the remote I/O system PSSUniversal 2 from Pilz as well as into any other PROFINET/PROFIsafe networks.

The PDP67 PN is thus the cost-efficient, fast and flexible solution for decentralized monitoring of safety and non-safety-related sensor and actuator technology in environments with extreme temperatures.



Your benefits at a glance

- Compatible with various third-party devices through the PROFINET/PROFIsafe interface
- Supplements our remote I/O systems PSSUniversal 2 and PDP67 product ranges
- Flexible configuration of the connections as safe inputs or outputs
- Great potential savings with wiring, as connection of a sensor to the PDP67 module replaces the entire input wiring to the control cabinet
- Short commissioning times and minimum service costs thanks to M12 plug-in connectors
- More space in the control cabinet, as the IP67 modules are positioned outside
- IP67 protection: Robust from $-30\text{ }^{\circ}\text{C}$ to $+70\text{ }^{\circ}\text{C}$ thanks to die cast zinc housing
- Simple installation and flexible I/O configuration directly where safety is required on the machine
- AIDA pinning (Automation Initiative of German Domestic Automobile Manufacturers)



Decentralized field devices



PDP67 PN 6FDI 6FDIO 2FDOTP



µSD memory card 512 MB M12A



IP67 labels

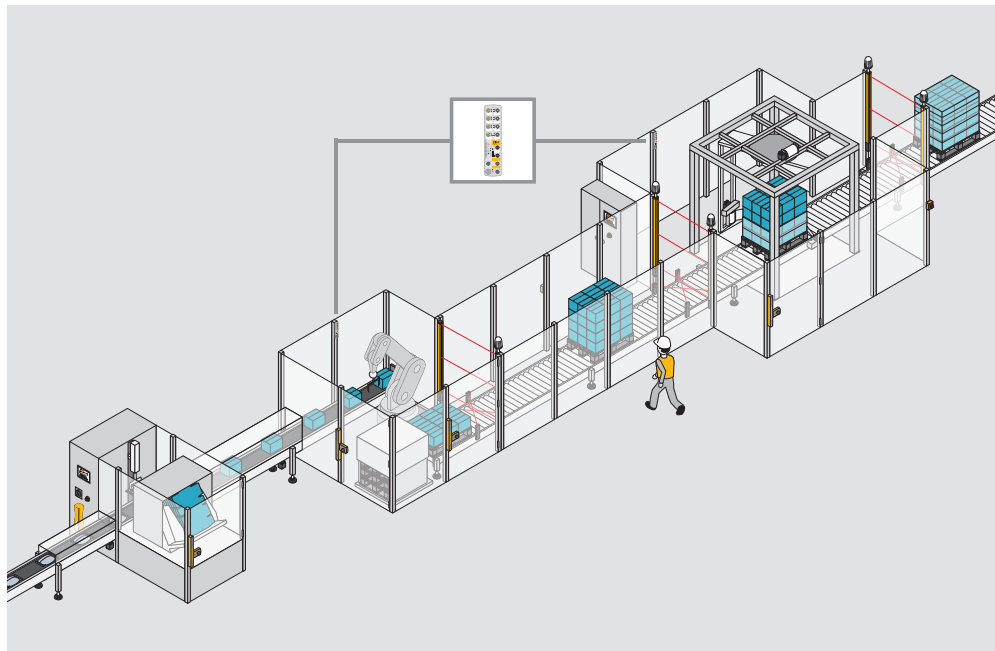


Caps for L-coded connections



Caps for IP67 modules

Technical features	<ul style="list-style-type: none"> ▶ PROFINET/PROFIsafe device (slave) ▶ 6 safe digital inputs (2 inputs at one connection) ▶ 6 safe digital inputs and outputs (flexible configuration: 2 inputs or 2 outputs at one connection) ▶ 2 safe digital 2-pin outputs (1 output at one connection) ▶ Sensor and actuator connection: M12, 5-pin connections ▶ Protection class: IP67 ▶ Housing: die cast zinc ▶ Certifications: CE, TÜV, CCC (UL to follow) ▶ Ambient temperature: -30 °C to +70 °C ▶ Operating voltage: 24 VDC ▶ Functional safety: PL e, SIL CL 3 												
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IP67 modules:

Webcode:
web150450

Online information at www.pilz.us

Modular machines require safety directly at the danger zone. The I/O module PDP67 PN for PROFINET/PROFIsafe makes this possible.