

IMPACT67 Pro PN DIO8 IOL8 M12L 5P

PROFINET, compact module, plastic

Digital inputs/outputs
Ethernet 10/100 Mbit/s; M12, D-coded
IO-Link Master V1.1.3
M12 Power, 5-pole, L-coded
M12, 5-pole, A-coded
Housing fully potted.
Connection cables are in the online shop under "Connection Technology".

Link to Product

Illustration



Product may differ from Image



General data	
Mounting method	2-hole screw mounting, compatible with I/O modules of MVK model range
Temperature range	-25...+70 °C (storage temperature -40...+80 °C)
Protection	IP67
Dimensions HxWxD	37x63x225 mm
Output	
Actuator supply UA	24 V DC (EN 61131-2), max. 10 A Port X0...X7
Switching current per output	max. 2 A per pin (short-circuit and overload-protected), max. 4 A per port
Input	
Sensor supply US	24 V DC (EN 61131-2), max. 2 A load per port, short-circuit and overload protected, total max. 10 A port X0...X7
Type	for 3-wire sensors or mechanical switches, PNP, IO-Link Devices
IIoT Functions	
IIoT Interfaces	yes (OPC UA, MQTT, JSON REST API)
Web interface	yes
Monitoring - temperature	yes
Monitoring - energy	yes (current and voltage)
IO-Link	

Port Class	Class A + B (not galvanically separated)
IO-Link	8× Master
Transfer parameters	32 Byte (In) 32 Byte (Out) per IO-Link port
Operating modes	COM1; COM2; COM3 (automatic)
Parameterization	
PIN 4	Input/output (port X0...X7); IO-Link master (port X0...X7)
PIN 2	Input/Output (port X0...X7); U-Actuator IO-Link Class B (port X0...X7)
Connections	
Fieldbus	Ethernet 10/100 Mbit/s; M12, D-coded
Sensor-system/actuator supply	M12 Power, 5-pole, L-coded, 2× max. 16 A
I/O ports	M12, 5-pole, A-coded
PROFINET	
Specification	V2.3, Conformance Class C (IRT)
Addressing	DCP
PROFINET Netload Class	III
Shared Device	yes, for 2 controls
Product article number of manufacturer	
54630	
Diagnostic	
Communication status	via LED
Diagnostic via LED	per module and channel
Diagnostic via BUS	per module and channel
Actuator warning	per channel via LED and BUS
Monitoring - under voltage	yes
Monitoring - no voltage	yes
Cable break	per port