



PROFINET-Switch IP67

8-Port, managed, IP67

- PROFINET Conformance Class B
- Integration into the automation network with GSDML file
- Quick and easy configuration and diagnostics via PROFINET and web interface
- LLDP, DCP, SNMP, diagnostic alarms
- Media Redundancy: MRP Client
- port mirroring
- Network statistics (frames, errors)
- Managed switch with 8 x 100 Mbps M12 ports
- Protection class IP67
- Switch cabinet-less assembly possible

One of the most important functions of a PROFINET-Switch is the prioritizing of the PROFINET frame traffic in the machine network. The managed switch can differentiate whether the frame is a web query, an FTP file transmission, a media stream, or a PROFINET frame. In the case of a high transmission load, the important frames can thus be prioritized in order to prevent frame losses. With a GSDML file you can integrate the switch into your automation environment in the usual way. The supported PROFINET protocols, such as LLDP, DCP, or even diagnosis alarms, can be easily configured and administered.

With its protection class IP67 and temperature range from -40 °C to +75 °C, the PROFINET Switch 8 Port, IP67 is ideal for use in rough industrial conditions. The product is ideally suited for installation without a control cabinet and therefore offers a wide range of applications.

Technical advantages when using a PROFINET-Switch

Prioritizing of PROFINET frames

Assignment of a configuration via the device name

Neighborhood detection

Device exchange without programming device

Ring redundancy

Each port can be activated or deactivated

Diagnostic messages for network problems

Identification and maintenance data

With this variant of the managed PROFINET-Switch, you can connect up to 8 network participants in harsh environments, saving time and money.

Technical specifications

General information	
Order number	700-857-8PS01
Article name	PROFINET-Switch 8-port, managed, IP67
Scope of delivery	PROFINET-Switch 8-port, Quick Start Guide, GSDML-File
Dimensions (DxWxH)	24 x 62 x 190 mm
Weight	Approx. 410 g

PROFINET interface (X1)	
Number	8
Protocol	PROFINET IO device as per IEC 61158-6-10
Physical layer	Ethernet
Transmission rate	10/100 Mbps
Connection	M12 D-coded
Features	Media Redundancy Protocol (MRP) automatic addressing / topology detection (LLDP, DCP)
Status indicator	3 LEDs, function status 16 LEDs, Ethernet status
Voltage supply (X2)	
Voltage supply	DC 24 V (18 ... 30 VDC)
Connection	M12 L-coded
Current draw	Max. 130 mA at 24 V DC
Power dissipation	Max. 3.5 W
Ambient conditions	
Ambient temperature	-40 °C ... +75 °C
Transport and storage temperature	-40 °C ... +85 °C
Protection rating	IP67
Certifications	CE
CE	
RoHS	Yes
REACH	Yes