



Features

- ✓ 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
- ✓ Can be used in PROFI-safe applications

FLEXtra IP67 PROFINET-Switch, managed

The managed PROFINET-Switch supports PROFINET according to Conformance Class B and offers transmission security through ring redundancy as an MRP client.

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

Order number	700-857-8PS01
Article name	FLEXtra IP67 PROFINET-Switch, managed, 8-port, 100 Mbit
Scope of delivery	PROFINET-Switch IP67 8-port, Protective caps
Dimensions (DxWxH)	24 x 62 x 190 mm
Weight	Approx. 410 g

PROFINET interface (X1)

Number	8
Transmission rate	10/100 Mbps
Connection	M12 D-coded
Protocol	PROFINET IO Device as per IEC 61158-6-10
Features	Media Redundancy Protocol (MRP)
	automatic addressing / topology detection (LLDP, DCP)
	PROFINET conformance class B

Power supply (X2)

Voltage supply	DC 24 V (18 ... 30 VDC)
Connection	M12 L-coded
Current draw	Max. 110 mA at 24 V DC
Power dissipation	Max. 2.7 W

Status indicator

Function status	3 LEDs
Ethernet status	16 LEDs

Ambient conditions

Ambient temperature	-40 °C ... +75 °C
Transport and storage temperature	-40 °C ... +85 °C
Relative air humidity	95 % r H without condensation
Protection rating	IP67
Mounting position	as desired
Approvals	CE

As of: 7 - 2026