Features

- PROFINET Conformance Class B
- Integration into the automation network with GSDML file
- Quick, simple configuration and diagnosis via PROFINET and web interface
- LLPD, DCP, SNMP, diagnosis alarms
- VLAN
- Media redundancy: MRP client
- RSTP
- PROFINET Device Scanner
- Port mirroring
- Network statistics (frames and errors)
- Managed switch with 5 x 100 Mbps RJ45 ports
- Slim design for DIN-rail

FLEXtra SLIM PROFINET-Switch, managed 8x RJ45

One of the most important functions of a managed PROFINET switch is the prioritisation of PROFINET telegram traffic in the machine network. You can integrate the switch into your automation environment as usual using a GSDML file.

One of the most important functions of a managed 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 LLPD, DCP, or even diagnosis alarms, can be easily configured and administered.

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

General information

Order number	700-852-8PS01
Article name	FLEXtra SLIM PROFINET Switch, managed, 8-port, 100 Mbit
Scope of delivery	PROFINET Switch 8-port with power supply plug
Dimensions (DxWxH)	80 x 25 x 157 mm
Weight	Approx. 275 g

PROFINET interface

Number	8
Protocol	PROFINET IO Device as defined in IEC 61158-6-10
Transmission rate	max. 100 Mbps
Connection	RJ45 socket
Features	Media Redundancy Protocol (MRP-Client), VLAN, RSTP
	automatic addressing / topology detection (LLDP, DCP)
	PROFINET Conformance class B (in preparation)

Status indication

Functional status	4 LEDs
Ethernet status	16 LEDs

Power supply

Voltage supply	24 V DC (18...30 V DC)
Current draw	Max. 160 mA with 24 V DC
Power dissipation	Max. 3,8 W

Ambient conditions

Ambient temperature	-25 °C ... +60°C
Transport and storage temperature	-40 °C … +85 °C
Relative air humidity	95 % r H without condensation
Protection rating	IP20
Approvals	CE, PROFINET Conformance Class B (in preparation)

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Änderungen und Irrtümer vorbehalten