NETWORK AUTOMATION INNOVATIVELY

With the 4/8/16 port-managed PROFINET switches

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COMPATIBLE WITH YOU

PROFINET SWITCH, 4/8/16-PORT, MANAGED

Features

- PROFINET Conformance Class B
- Managed switch with 4/8/16 x 100 Mbps RJ45 ports
- Integration into the automation network with GSDML file
- Quick, simple configuration and diagnosis via PROFINET and web interface
- Configuration via command line (Telnet, SSH)
- LLDP, DCP, SNMP, diagnosis alarms
- Media redundancy: MRP client
- Port mirroring
- Network statistics (frames and errors)

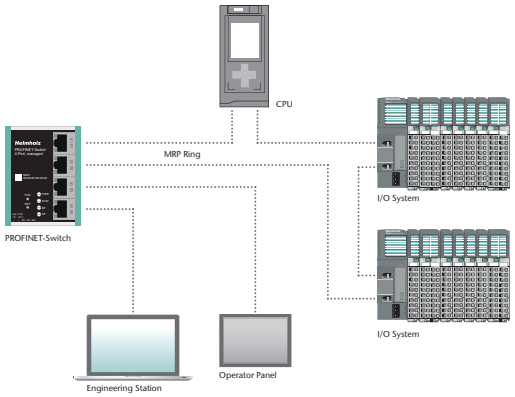
Connect up to sixteen network participants to save time and costs with the managed PROFINET switch. It supports PROFINET according to Conformance Class B and offers transmission security through ring redundancy as an MRP client.

One of the most important functions of a PROFINET switch is the prioritizing of the PROFINET frame traffic in the machine network. The 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 PROFINET 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
- Topology detection
- Device exchange without programming device
- Ring redundancy
- Each port can be activated or deactivated
- Diagnostic messages for network problems
- Identification and maintenance data



TECHNICAL SPECIFICATIONS / ORDERING INFORMATION

	PROFINET switch, 4-port, managed 700-850-4PS01	**PROFINET- switch, 8-port, managed** 700-850-8PS01	**PROFINET switch, 16-port, managed** 700-850-16PS01
Dimensions (D x W x H)	32 x 59 x 76 mm	32 x 82 x 76 mm	32 x 146 x 76 mm
Weight	Approx. 130 g	Approx. 180 g	ca. 310 g
PROFINET ports			
- Protocol	PROFINET IO as defined in IEC 61158-6-10	PROFINET IO as defined in IEC 61158-6-10	PROFINET IO as defined in IEC 61158-6-10
- Physical layer	Ethernet	Ethernet	Ethernet
- Transmission rate	100 Mbps, full duplex	100 Mbps, full duplex	100 Mbps, full duplex
- Connection	4 x RJ45, integrated switch	8 x RJ45, integrated switch	16 x RJ45, integrated switch
- Features	Media Redundancy Protocol (MRP) Automatic addressing / topology detection (LLDP, DCP)	Media Redundancy Protocol (MRP) Automatic addressing / topology detection (LLDP, DCP)	Media Redundancy Protocol (MRP) Automatic addressing / topology detection (LLDP, DCP)
Status indicator	4 LEDs function status 8 LEDs Ethernet status	4 LEDs function status 16 LEDs Ethernet status	4 LEDs function status 32 LEDs Ethernet status
Voltage supply	DC 24 V (18 ... 30 V DC)	DC 24 V (18 ... 30 V DC)	DC 24 V (18 ... 30 VDC)
Current draw	Max. 250 mA with DC 24 V	Max. 350 mA with DC 24 V	Max. 400 mA DC 24 V
Permissible ambient temperature	-40 °C ... +75 °C	-40 °C ... +75 °C	0 °C .. +60 °C
Transport and storage temperature	-40 °C ... +85 °C	-40 °C ... +85 °C	-40 °C .. +85 °C
Protection rating	IP 20	IP 20	IP20
Certifications	CE, UL	CE, UL	CE
UL	UL 61010-1/ UL 61010-2-201	UL 61010-1/ UL 61010-2-201	–
- Voltage supply	DC 24 V (18 ... 30 V DC, SELV and limited energy circuit)	DC 24 V (18 ... 30 V DC, SELV and limited energy circuit)	–
- Pollution degree	2	2	–
- Altitude	Up to 2,000 m	Up to 2,000 m	–
- Temperature cable rating	87 °C	87 °C	–

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