



## NETWORK AUTOMATION INNOVATIVELY

With the 4/8 port-managed PROFINET switches

# PROFINET SWITCH, 4/8 PORT, MANAGED

## Features

- PROFINET Conformance Class B
- Managed switch with 4/8 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)
- Time synchronization via SNTP

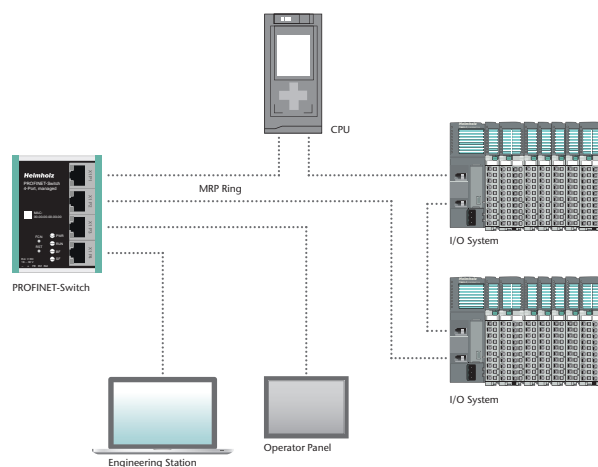
## Technical advantages when using a PROFINET switch

- 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

Connect up to eight 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. It is also possible to carry out a diagnosis and/or configuration via Telnet or SSH. The supported PROFINET protocols, such as LLDP, DCP, or even diagnosis alarms, can be easily configured and administered.



## TECHNICAL SPECIFICATIONS / ORDERING INFORMATION

	PROFINET switch, 4 port, managed 700-850-4PS01	PROFINET switch, 8 port, managed 700-850-8PS01
Dimensions (D x W x H)	32 x 59 x 76 mm	32 x 82 x 76 mm
Weight	Approx. 130 g	Approx. 180 g
<b>PROFINET ports</b>		
- Protocol	PROFINET IO as defined in IEC 61158-6-10	PROFINET IO as defined in IEC 61158-6-10
- Physical layer	Ethernet	Ethernet
- Transmission rate	100 Mbps, full duplex	100 Mbps, full duplex
- Connection	4 x RJ45, integrated switch	8 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)
Status indicator	4 LEDs	4 LEDs
Voltage supply	DC 24 V (18 ... 30 V DC)	DC 24 V (18 ... 30 V DC)
Current draw	Max. 250 mA with DC 24 V	typ. 350 mA
Permissible ambient temperature	-40 °C ... +75 °C	0 °C ... 60 °C (-40 °C ... +75 °C in progress)
Transport and storage temperature	-20 °C ... +80 °C	-20 °C ... +80 °C
Protection rating	IP 20	IP 20
Certifications	CE	CE
<b>UL</b>	UL 61010-1/ UL 61010-2-201	(currently in progress)
- Voltage supply	DC 24 V (18 ... 30 V DC, SELV and limited energy circuit)	—
- Pollution degree	2	—
- Altitude	Up to 2,000 m	—
- Temperature cable rating	87 °C	—