



Features

- ✓ Store-and-Forward architecture
- ✓ 10/100Base-T/TX, Full-/Half-Duplex (Autonegotiation)
- ✓ HP Auto MDI/MDI-X & IEEE 802.3u Auto crossover support
- ✓ CoS according to IEEE 802.1Q
- ✓ Qos-Priority-Queues: 8
- ✓ LLDP & PTCP Delay-Traffic blocking (for PROFINET networks)
- ✓ PROFINET Conformance Class A
- ✓ 16K MAC address lookup table
- ✓ 256 KByte memory for frame buffering
- ✓ 51.2 Gbps high-performance memory bandwidth
- ✓ Unmanaged switch with 8 x 10/100 Mbps M12 ports
- ✓ Protection class IP67
- ✓ Switch cabinet-less mounting possible

FLEXtra IP67 Ethernet-Switch, unmanaged 100 Mbit

Thanks to its high IP67 protection class and temperature range from -40 °C to +75 °C, the FLEXtra IP67 unmanaged Ethernet-Switch is ideal for use in rough industrial environments.

The Helmholz unmanaged Ethernet-Switch IP67 is a very compact switch for a wide range of industrial applications.

The product is ideally suited for installation without a control cabinet and therefore offers a wide range of applications. Once plugged in, the simple Plug & Play solution makes it immediately ready for use.

The unmanaged Ethernet switch is suitable for PROFINET networks. The LLDP (neighborhood detection) and PTCP (time synchronization) functions are handled correctly with the switch in accordance with the PROFINET standard. The unmanaged Ethernet switch thus corresponds to PROFINET Conformance Class A.

With this variant of the unmanaged Ethernet switch you can connect up to 8 Ethernet subscribers with 10 or 100 Mbps.

General information

Order number	700-847-8ES01
Article name	FLEXtra IP67 Ethernet-Switch, unmanaged, 8x M12, 100 Mbit
Scope of delivery	Ethernet-Switch 8-port, Brief Instruction, Protection caps

Dimensions (DxWxH)	24 x 62 x 190 mm
Weight	approx. 410 g

LAN interface (X1)

Number	8
Connection	M12 D-Coded
Transmission rate	10/100 Mbps
Type	10BASE-T,100BASE-TX, Full-/Half-Duplex, Auto negotiation, Auto MDI/MDI-X PROFINET Conformance Class A

Status indicator

Power	1 LED
Ethernet-status	16 LEDs

Power supply (X2)

Operating voltage	DC 24 V (18...30 V DC)
Connection	M12 L-Coded
Current draw	max. 75 mA with 24 V DC
Power dissipation	max. 1,8 W

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