

SCALANCE X-100 unmanaged media converters

Overview



The unmanaged Industrial Ethernet media converters of the SCALANCE X-100 product line are ideally suited to the conversion of different transmission media in Industrial Ethernet networks at data transfer rates of 10/100 Mbit/s in line, star and ring topologies.

- Electrical or optical connection to stations or network in accordance with the port type of the devices
- Rugged metal enclosure for space-saving cubicle mounting on standard rails, S7-300 DIN rail or for wall mounting
- Rugged, industry-standard station connections with PROFINET-compatible RJ45 connectors that offer additional strain relief and bending strain relief thanks to latching on the housing
- Redundant power supply
- Diagnostics on the device by means of LEDs (power, link status, data communication)
- Error signaling contact with easy adjustment using the SET button
- Connection of existing 10 Mbit/s fiber-optic networks
- Connection of existing 10Base5 networks (e.g. SINEC H1)

Ordering data

Order No.

SCALANCE X-100 unmanaged media converter

Industrial Ethernet media converters, LED diagnostics, fault signaling contact with SET key, redundant power supply, PROFINET-compatible retaining collar; incl. Operating Instructions, Industrial Ethernet network manual and configuration software on CD-ROM

- **SCALANCE X101-1**  
1 x 10/100 Mbit/s RJ45 Port  
1 x 100 Mbit/s multimode BFOC
- **SCALANCE X101-1LD**  
1 x 10/100 Mbit/s RJ45 Port  
1 x 100 Mbit/s singlemode BFOC
- **SCALANCE X101-1POF**  
1 x 10/100 Mbit/s RJ45 Port  
1 x 100 Mbit/s POF SC RJ
- **SCALANCE X101-1AUI**  
1 x 10/10 Mbit/s RJ45 Port  
1 x 10 Mbit/s AUI segment port
- **SCALANCE X101-1FL**  
1 x 10/10 Mbit/s RJ45 Port  
1 x 10 Mbit/s multimode BFOC

- 6GK5 101-1BB00-2AA3
- 6GK5 101-1BC00-2AA3
- 6GK5 101-1BH00-2AA3
- 6GK5 101-1BX00-2AA3
- 6GK5 101-1BY00-2AA3

Ordering data (continued)

Order No.

Accessories

**IE FC TP standard cable GP 2 x 2 (Type A)**

4-core, shielded TP installation cable for connection to IE FC Outlet RJ45/IE FC RJ45 Plug; PROFINET-compatible; with UL approval; sold by the meter; max. length 1000 m, minimum order quantity 20 m

6XV1 840-2AH10

**IE FC RJ45 Plug 180 2 x 2**

RJ45 plug connector for Industrial Ethernet with a rugged metal housing and integrated insulation displacement contacts for connecting Industrial Ethernet FC installation cables; 180° cable outlet; for network components and CPs/ CPUs with Industrial Ethernet interface

- 1 pack = 1 unit
- 1 pack = 10 units
- 1 pack = 50 units

6GK1 901-1BB10-2AA0  
6GK1 901-1BB10-2AB0  
6GK1 901-1BB10-2AE0

**IE FC stripping tool**

Preadjusted stripping tool for fast stripping of the Industrial Ethernet FC cables

6GK1 901-1GA00

**SITOP compact 24 V/ 0.6 A**

1-phase power supply with wide-range input 85 – 264 V AC/110 – 300 V DC, stabilized output voltage 24 V, rated output current value 0.6 A, slim design

6EP1 331-5BA00

More information

To assist in selecting the right Industrial Ethernet switches as well as configuration of modular versions, the SIMATIC NET Selection Tool is available:

Online version:  
[www.siemens.com/snst](http://www.siemens.com/snst)

Offline version:  
[www.siemens.com/snst-download](http://www.siemens.com/snst-download)