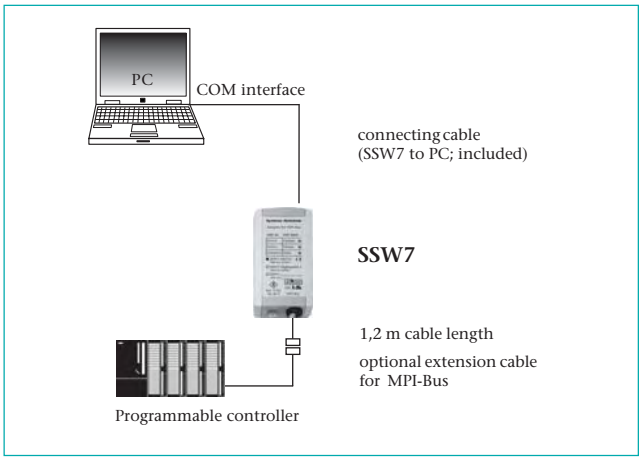
SSW7, MPI-Programming Adapter

SSW7

Features

- Programming and visualization
- Transmission rate up to 115 Kbaud
- MPI up to 187,5 Kbit/s
- Power supply via programming device or via external 24 V supply



Application for SSW7

The SSW7 permits connection of a PC or laptop with programming software to programmable controllers via any standard COM port.

The RS232 interface of the SSW7 has automatic baudrate detection for adaptation to the set baudrate (between 9.6 to 115 Kbaud). The MPI interface operates with 187.5 Kbit/s or 19.2 Kbit/s.

The SSW7 receives it`s voltage supply from the CPU via the MPI bus. With an optional 24 V connection, it can be used anywhere else in the system.

With the included speed-up tool you can attain the max. transmission rate of the SSW7 with every programming software.

Accessory-Note

DIN rail clips, extension cables (see page 50) as well as multiplexers (see page 38ff) are available for the SSW7.

The firmware is always updateable to the newest volume with the included update-program SHTools.

Ordering Data

	Order-No.
MPI-Adapter **SSW7** (incl. 3 m programming cable)	**700-751-1VK21**
DIN rail adapter short Power Plug (optional)	**700-751-HSH01** **700-751-SNT01**

Technical Data

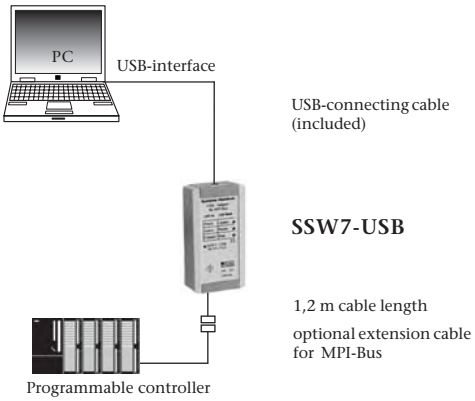
SSW7	
Dimensions (LxWxH mm)	105 x 54 x 30
Weight	approx. 180g
Supply voltage	+24 V ±25 % from PLC or extern
Current consumption	approx. 70 mA
MPI interface Type	 RS485
Transmission rate	19.2 or 187.5 Kbit/s
Cable connector	SUB-D 9-way
Communication interface Type	 RS232
Transmission type	serial asynchronous
Transmission rate	9.6...115 Kbaud
Parity	odd
Data format	8 bit
Protocols	PC <-> S7
Connection	connector, SUB-D, 9-way
Degree of protection	IP 20

SSW7-USB, MPI-Programming Adapter USB

SSW7-USB

Features

- Programming and visualization
- Transmission rate up to 115 Kbaud
- MPI up to 187,5 Kbit/s
- Virtual COM-port for flexible applications



Application for SSW7-USB

The SSW7-USB permits conversion from a USB interface to the MPI bus for programming software or visualization.

The SSW7 has a 1.2 m long MPI connecting cable, which can be directly plugged into the CPU socket of the programmable controller or at any other point in the MPI network.

The housing of the SSW7-USB contains a type „B“ USB socket. The SSW7-USB can be connected to the PC via the USB cable supplied. The SSW7-USB is powered from the PC. The SSW7-USB can therefore be used at any point in the MPI bus.

A driver for creating a virtual com-port is included.

Accessory-Note

DIN rail clips, extension cables (see page 50) as well as multiplexers (see page 38ff) are available for the SSW7-USB.

The firmware is always updateable to the newest volume with the included update-program SHTools.

Technical Data

SSW7-USB	
Dimensions (LxWxH mm)	105 x 54 x 30
Weight	approx. 180g
Supply voltage	5 V via USB
Current consumption	approx. 200 mA
MPI interface Type	 RS485
Transmission rate	19.2 or 187.5 Kbit/s
Cable connector	SUB-D, 9-way
Communication interface Type	 USB 1.1
Protocols	PC <-> S7
Connection	USB-A female
Degree of protection	IP 20

Ordering Data

	Order-No.
MPI-Adapter **SSW7-USB** (incl. 3 m USB cable)	**700-755-1VK21**
DIN rail adapter short	**700-751-HSH01**