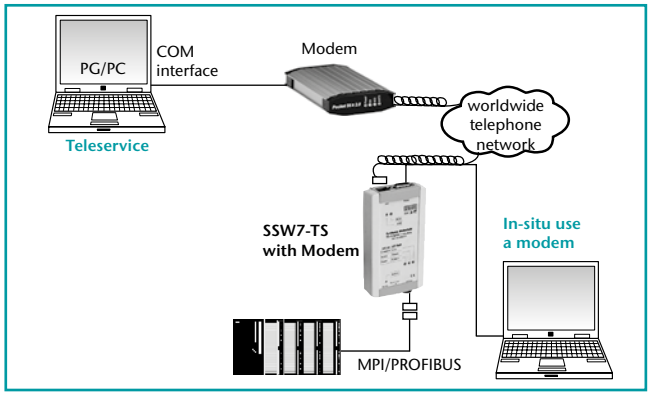
SSW7-TS with Modem; analog/ISDN/GSM

SSW7-TS with Modem

Features

- MPI up to 187.5 kbps
- Teleservice and in-situ use
- Password protection and call-back function
- RS232-interface
- Online update function
- DIN rail adapter for mounting included in scope of supply



Application example for SSW7-TS with Modem analog

The SSW7-TS with integrated modem is a low-cost alternative for teleservicing a programmable controller via the MPI bus. Depending on the version, an analog, ISDN, or GSM modem is integrated in the housing of the SSW7-TS. The analog modem can be configured for worldwide use. The ISDN variant supports the DSS1 protocol that is used in many countries. All connecting cables required for operation are included. The SSW7-TS with a GSM modem (quadband) is the right choice for mobile use or if a telephone connection is not available.
Via the serial interface, the SSW7-TS with modem can also be used as a PC adapter for local use. The modem can be used for teleservicing a VISU/SCADA application even without a TS adapter function. Settings are made using microswitches on the adapter housing.
The SSW7-TS with modem receives its power supply from the CPU via the MPI cable. If no 24 V supply is available at the connection point, it is possible to feed in an external 24 V power supply.
The SSW7-TS with modem can also be updated with new firmware via a modem link.
That enables functional expansion of an adapter already installed in the system.

Accessory-Note
Systeme Helmholz GmbH always provides the latest version of the required SHTools software on its website for downloading. The SSW7-TS with GSM modem requires a SIM card with CSD service (Circuit Switched Data) activated and a suitable GSM antenna (see page 88).

Ordering Data	
	Order No.
MPI-Adapter **SSW7-TS with modem analog** (incl. DIN rail adapter, 2 x telephone cable RJ11 + TAE each 3 m, 3 m programming cable, manual, CD with software)	**700-751-8MD21**
SSW7-TS with modem ISDN (incl. DIN rail adapter, RJ11 telephone cable 3 m; 3 m programming cable, manual, CD with software)	**700-751-8IS21**
SSW7-TS with modem GSM (incl. DIN rail adapter, 3 m programming cable, manual, CD with software)	**700-751-8GS21**
Power Plug (optional)	**700-751-SNT01**

Technical Data	
Dimensions (D x W x H mm)	135 x 67 x 30
Weight	Approx. 240 g
Supply voltage	+24 V ±25 % from PLC or extern
Current consumption	Analog/ISDN approx. 100 mA, GSM approx. 150 mA
MPI interface Type	RS485
Transmission rate	19.2 or 187.5 kbps
Cable connector	SUB-D, 9-way with PG interface and terminating resistor
Communication interface Type	RS232; 2-wire dial-up (analog); ISDN S_O
GSM-Frequency	Quadband: GSM850, EGSM900, DCS1800, PCS1900
Transmission type	Serial asynchronous
Transmission rate	9.6 ... 115.2 kbps
Protocols	PC <-> S7 via modem or local
Connection	Connector, SUB-D, 9-way RJ11 or SIM card slot
Degree of protection	IP 20