

GSM-Modem



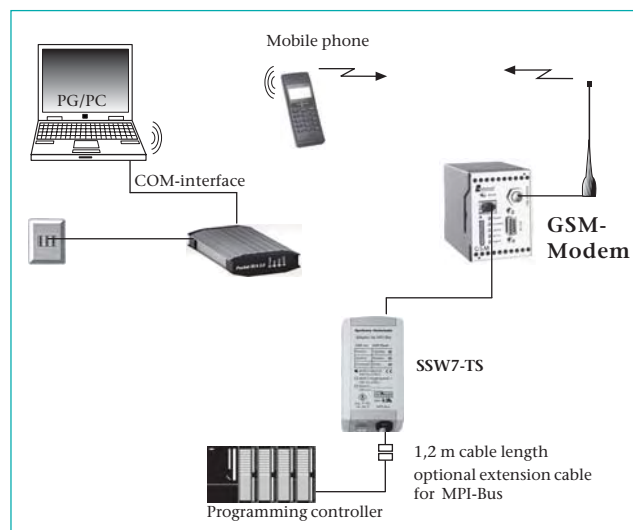
GSM modem

The Systeme Helmholtz GSM Modem 4.1 transmits data in the cellphone network (900MHz and 1800MHz). It is parameterized through the RS232 interface. The modem can be powered with a voltage of 10 to 60 V DC. A flash update of the firmware is possible by setting up a GSM data link. Two digital alarm inputs permit the transmission of alarm messages by SMS, fax, e-mail, and data link. The up to 20 freely selectable alarm messages can be transmitted to up to 40 different recipients. The modem also features two switch outputs. These can be switched through alarm inputs, by an AT command, SMS command, and by DTMF tone remote switching.

GSM antenna extension cable see page 54.

Note

The SIM-card needed for the modem is available at every mobile service provider. The card must be data transfer capable.

**Application for GSM modem**

A connection to the GSM modem can be established by an analog, ISDN or GSM remote station.

Ordering Data	
	Bestell-Nr.
GSM-Modem¹⁾ (incl. 2 m RS232 cable)	700-751-GSM02
Local triband antenna	700-751-ANT01
Quadband magnetic antenna	700-751-ANT02
Patch triband antenna	700-751-ANT03
Portable quadband antenna	700-751-ANT04
GSM antenna extension cable, 5 m	700-751-ANK01
GSM antenna extension cable, 10 m	700-751-ANK02
GSM antenna extension cable, 15 m	700-751-ANK03

1) Export restriction for:
AF, AO, IQ, IR, KP, LB, LY, MZ, RW, SD, SY State: 08-2006

Technical Data	
GSM-Modem	
Dimensions (L x W x H mm)	55 x 110 x 75
Degree of protection for housing	housing IP 40/ clamps IP 20
Ambient temp.	0...+55°C
Air humidity	0-95% non condensing
Supply voltage	DC 10-24 V
power consumption	max 2,1 W
Interface	RS232 9-way
Interface Speed	300-115.200 Bit/s
Network interface	FME-antenna socket
Linerequirements	Dualband GSM- Networks: Class 4 (2W@900MHz) Class 1 (1W@1.800MHz)
Software update	yes
Watchdog	yes
Reset-key	ja
Status display	5LEDs (Power, Connect, Status, Signal, Rx/Tx)
Alarminput	2
Switching output	2 relays