

GSM communicator G17F

Simple and fast to install communicator which will upgrade any fire alarm panel for event signaling via cellular network. When input is violated communicator transmits event information to Alarm Receiving Centre (ARC). In addition, customers can be informed about fire alarm events in Protegus apps.

Features

Communications:

- One main communication channel
- Two back-up channels
- Connection control with ARC
- Event messages are transmitted in Contact ID codes
- Informing customers about events with:
 - Protegus apps
 - SMS messages

Configuration:

- Quick and easy installation
- Remote configuration and firmware updates

Inputs and outputs:

- 6 selectable type inputs: NC, NO, EOL (10k Ω).
- RS485 connection
- 3 input, 3 double purpose screw terminals for setting either input or output functionality
- Using iO series expanders it is possible to expand number of inputs up to 12
- Outputs can be controlled via:
 - Mobile/Web Protegus application or
 - SMS/Call



Specifications:

Parameter	Description
GSM modem frequencies	850 / 900 / 1800 / 1900 MHz
3G modem frequencies	800 / 850 / 900 / 1900 / 2100 MHz
LTE modem frequencies	700 / 800 / 900 / 1800 / 2100 / 2600 MHz
Power supply voltage	9-32 VDC
Current consumption	50 mA (standby) Up to 200 mA (transmitting)
Transmission protocols	TRK
Communication with ARC	TCP/IP or UDP/IP, SMS
Memory	Up to 60 messages
Inputs and outputs	3 inputs, 3 double purpose contacts for setting either input or output functionality Selectable type inputs: NC, NO, EOL (10k Ω)
Event transmission	Contact ID codes
Encryption key	6 symbols encryption key
Parameter configuration	Locally via USB port or remotely
Operating environment	Temperature from -10 °C to 50 °C, relative humidity – up to 80% at +20 °C
Communicator dimensions	65 x 77 x 25 mm
Weight	0.08 kg