



### GSM-INTERFACE

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## 1 EA-GSM-Interface

### 1.1 Common Features

Power supply: 230 VAC / 50 Hz / 15 W max.  
 Standby: 3.5 W without load  
 Standby: 4.7 W with 1xEasyAlarm or Exicall EN70  
 During telephone connection: + 2 W typical  
 During charging battery: +5 W max.

Battery charging time: without additional load: approx. 8 h typical

Backup battery: 12 V / 1.2 Ah (i.e. accessory order-no. 100.0880)

Size (W x H x D): 240 x 191 x 107 mm

Housing: ABS, IP65

Weight: 1100 g (with battery)

Connectors: Relay-contacts (NO/NC) ☎ “System ready”  
 Alarm-Signal-Input: 10 – 50 V DC/AC  
 SMA-Antennenbuchse (Patch Sticking antenna included)

Approval: CE, TÜV Austria

Programming: by SMS, e.g via WinMOS®300



### 1.2 Version overview

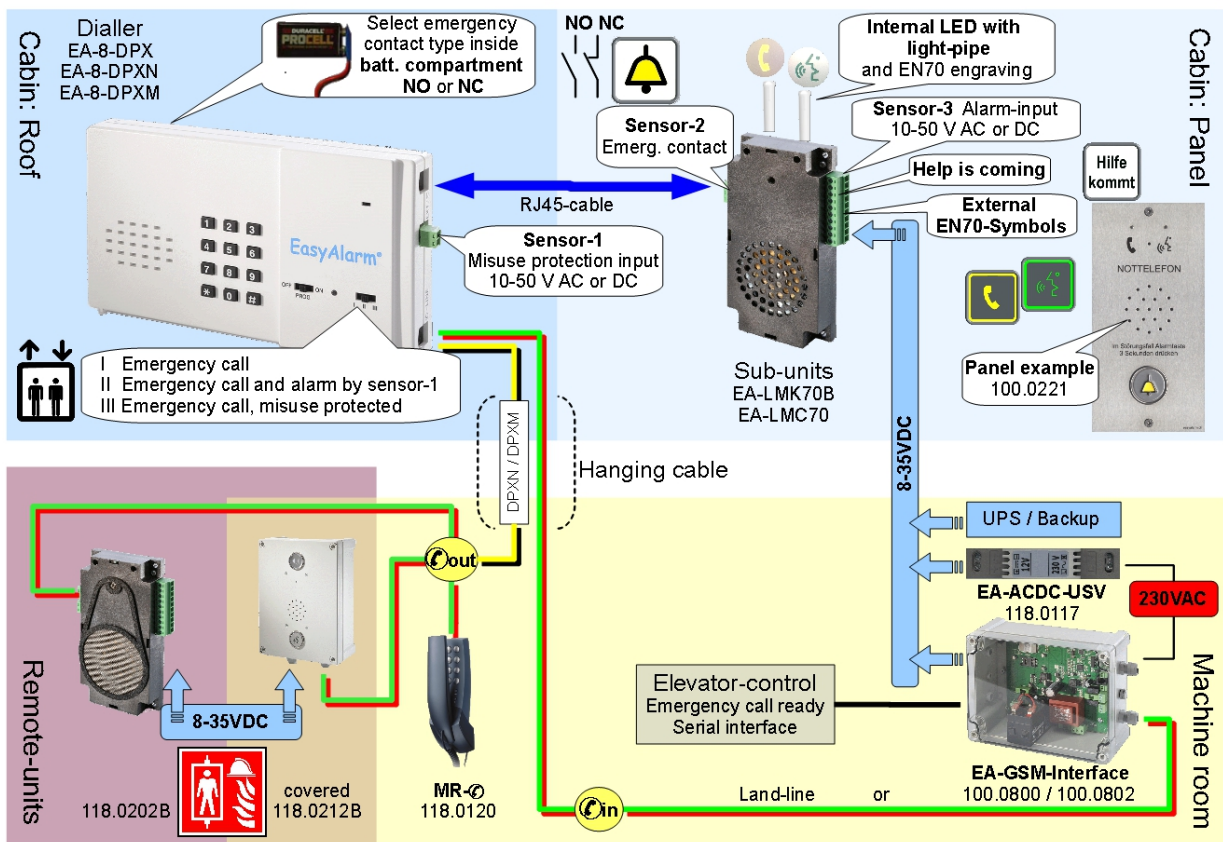
Order number	100.0800	100.0802	100.0804
Emergency-Interface			
Line RJ12 / Terminal	Analogue dialler		Communication unit Nano
Modem-Interface			
DB9	Programming	Operation with compatible elevator control, eg. Böhnke + Partner bp308/bp119	
USB	-		
Output voltage			
12 V backup (UPS)		✓	
12 V alarm horn	-	-	✓
12 V emergency light	✓	✓	-
Emergency light over Nano	-	-	✓
Status-LED			
GSM-Level	5 step LED		
“System ready”		✓	
Emergency light	✓	✓	-
Connection mode	GSM	GSM / Analogue / Modem	GSM / Analogue / Modem

## 2 Application examples

Up to four (eight) dialler EasyAlarm/Exicall EN70 can share one EA-GSM-Interface!

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### 2.1 Elevator emergency call using EasyAlarm / Exicall



#### 2.1.1 EA-GSM-Interface (Emergency call) ☎ 100.0800

Replacing the analog telephone line for emergency equipment or EasyAlarm EXICALL EN70 and is fully compatible with the protocols WinMOS ® 300

- The emergency call over GSM is a cost effective alternative to landline
- Minimizes installation costs (no landline required)
- Minimizes fix costs selecting appropriated subscriptions or prepaid
- Provider can be changed at any time
- The elevator can be operated during the construction phase

#### 2.1.2 EA-GSM-Interface (Emergency call & Modem) ☎ 100.0802

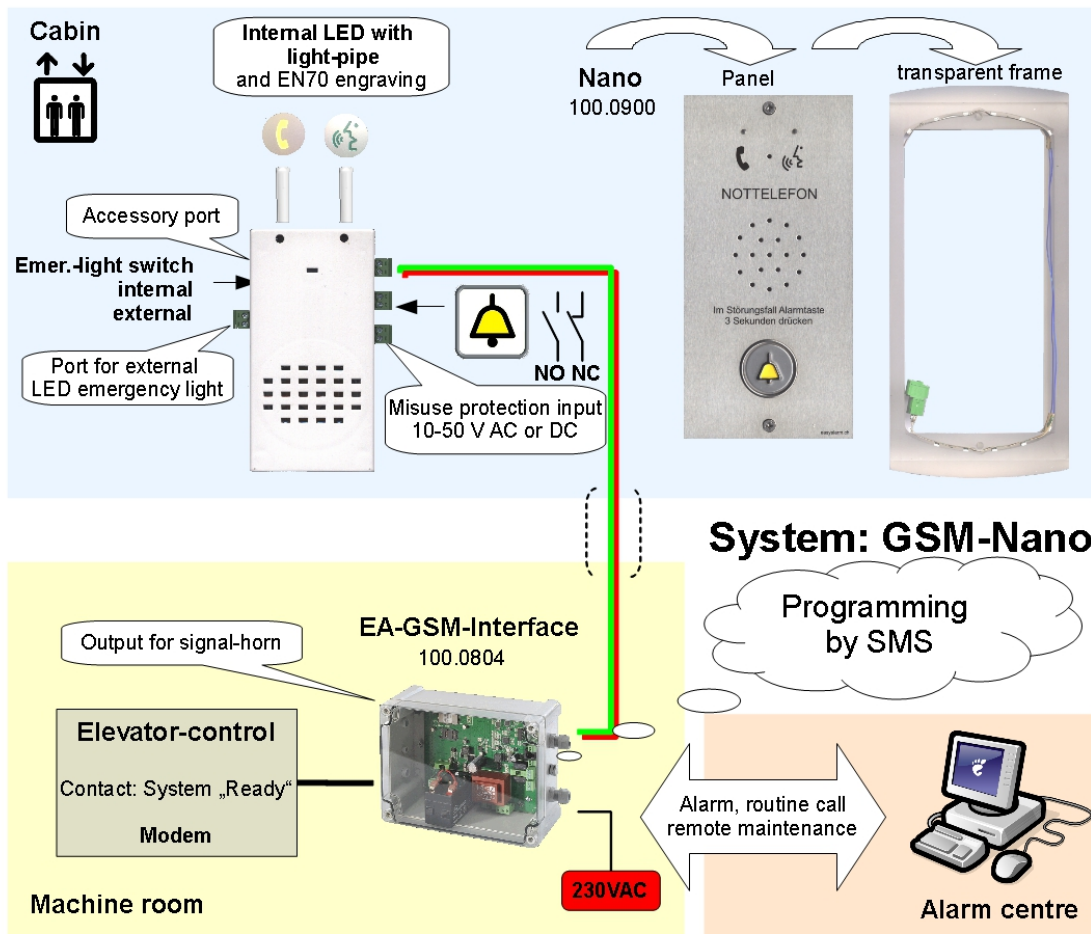
A compatible elevator control (eg Böhnke + Partner bp308/bp119) can establish a dial-up connection through one of the two data ports (USB/DB9).

An existing modem dial-up will be disconnected, if a telephone connection must be established

☎ telephone connection has priority over data connection!

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### 2.2 Elevator emergency call using communication unit Nano 100.0804



With only two wires, the unit Nano will be connected to EA-GSM-Interface 100.0804 enabling communication, supply of status lights and the emergency light. Nano is compliant to EN81-28 and EN81-70 and provides local connectivity options such as the "emergency call button input" or "Alarm horn output."

Additional connectors:

#### Door contact input signal = Misuse

If during the pre-alarm (= max. cabin travel time) a change in signal is detected, the call will be terminated.

#### Emergency light output for external LED

The emergency light is activated when the supply on the EA-GSM-Interface or the system-contact "ready" is lost.

#### Accessory socket

e.g. for connecting an additional communication-unit in or on top of the cabin.

Another plus: The new "GSM-Nano" is easy to program via SMS (eg, via call-center solution WinMOS®300). Alarm numbers, identification, max. travel time can be transmitted via SMS or queried.

#### Restriction

- One system "GSM-Nano" per elevator
- No machine-room/fire-brigade communication

☞ otherwise use dialler EasyAlarm / Exicall EN70.

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#### 2.3 Universal replacement for analogue landlines ☎ 100.0800/100.0802

Replacing the analogue landline for telephone or alarm devices (e.g. EasyAlarm or EXICALL EN70).

- Cost-effective alternative to landline
- Minimizes installation costs (no landline required)
- Minimizes fix costs selecting appropriated subscriptions or prepaid
- Provider can be changed at any time
- Temporary installation (minimal cost, readily available)

