

设置专用和共享手操器 /Assigning the list of private and shared terminals

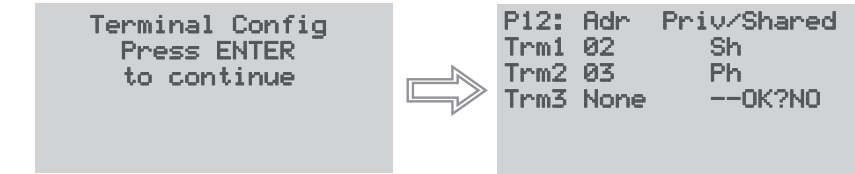


Fig. 6

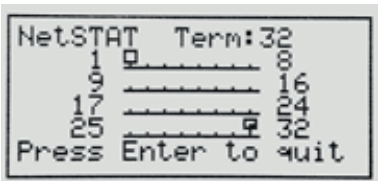


Fig. 7

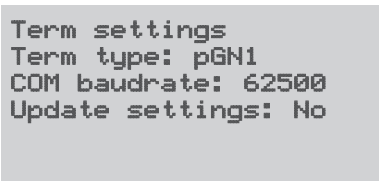


Fig. 8

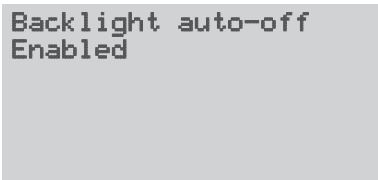


Fig. 9

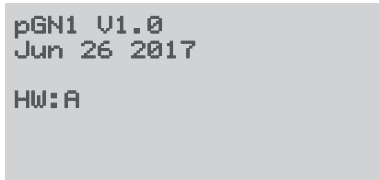


Fig.10

尺寸 / Dimensions

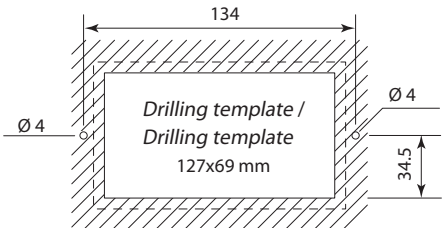
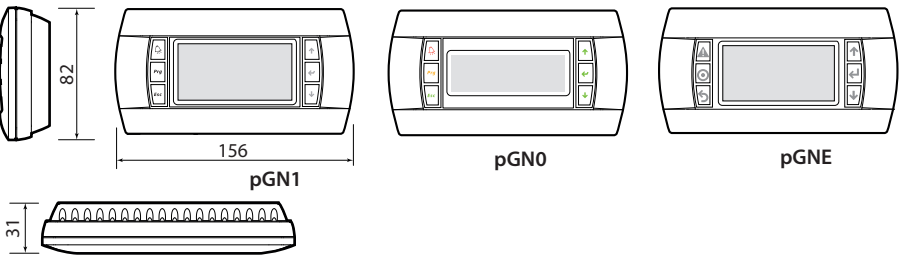


Fig.11

墙面安装/ Wall mounting



面板安装/ Panel mounting

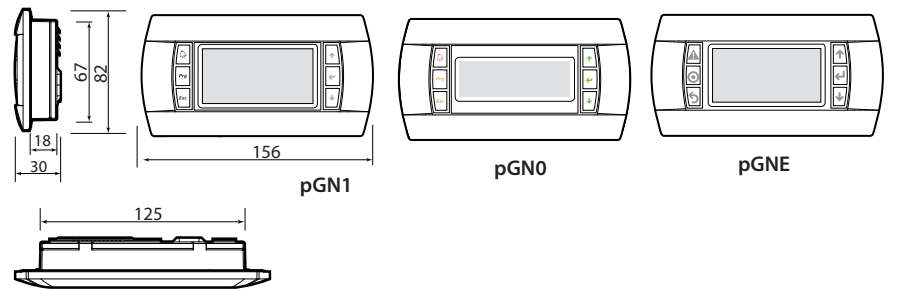
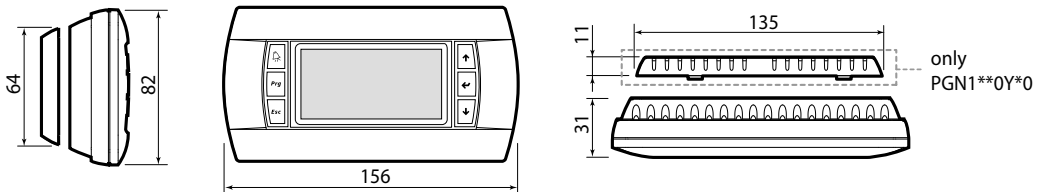


Fig.12

型号 PGN1**0Y*0 / PGN1**0Y*0 Model



故障信号

如果手操器检测到自身所连接的pCO主板掉线，将会显示如下信息：

I/O Board xx fault.

另一方面，如果手操器没有接收到来自网络的信号，显示屏将显示如下信息： **NO LINK**

显示网络状态和固件版本

同时按压配置键(↓↑)至少10秒钟(仅在pLAN模式下)，显示屏显示如图Fig. 7所示的界面。

Fig. 7中显示的是pLAN网络状态的一个示例，显示连接了哪些设备和连接了多少设备，

Legenda:

: 在网络中有效的pCO控制器 : 在网络中有效的手操器 : 没有连接设备

Fig. 7中的示例表示：

在网络中有效的pCO控制器，地址： 1

在网络中有效的手操器：地址： 32

↓↑键可以用于显示驻存在手操器上的固件版本如图(Fig. 10)。

要退出netstat程序，按下↓键。

LCD 对比度调节

使用 + **Prg** + ↓↑ 按键调节对比度。

手操器设置

在设置模式，按↓键到如图 Fig. 8. 使用↓ 修改pGN 类型0/1和波特率。

使用↓↑键修改需要的值，按↓键确认，选择“**Yes**” 更新设置

不要随意修改波特率(默认值为62500)，除非pCO内程序需要115200的波特率。

背光灯自动关闭

在设置模式，按↓键到如图Fig. 9。如果pCO不管理背光灯并且背光灯自动关闭的功能被使能，那么背光灯会在30分钟后自动关闭。

技术规格

显示	
类型	FSTN图形
背景光	白色LED (由应用软件控制)
图形分辨率	132x64像素
文本模式	8行×22列 (字体大小 5x7和11x15像素) PGN1/PGNE 4行×20列 (字体大小 5x7和11x15像素) PGN0 4行×11列 (字体大小 11x15像素) PGN1/PGNE 2行×10列 (字体大小 11x15像素) PGN0 或者混合模式
字高	3.5 mm (字体大小 5x7像素) 7.5 mm (字体大小 11x15像素)
显示区有效面积	66x32 mm
显示区域面积	72x36 mm

软键盘LED灯/蜂鸣器

2个是可编程的 (由应用程序决定)，红色和黄色 (Prg和Alarm键)

6个蓝色LED，作为键盘背景光

蜂鸣器 (可选-型号*Z0)

电源

电压	电源可通过电话线型电缆接到pCO主板提供；或来自外部电源 18/30Vdc，由250mA保险丝保护
最大输入功率	0.9 W

最大距离

pLAN 的最大长度	500 m，AWG22型双绞屏蔽电缆
pCO手操器连接距离	2 m，电话线型电缆
	500 m米， AWG22型双绞屏蔽电缆和TCONN6J000
	注意：为了达到最大距离，可使用总线结构布线 (bus layout)，最大距离不超过5米

材质

透明前面板	透明聚碳酸酯
灰色后盖盒 (墙面安装/嵌入式)	聚碳酸酯 +ABS
软键盘	硅胶
透明封盖/边框	透明聚碳酸酯
自熄灭等级	透明前面板和后盖盒为V0 硅胶按键和其它部件为HB

其它

防护等级	面板安装型为IP65 墙壁安装型为IP40 UL type 1
运行条件	-20~60 °C, 90% r.H. 无凝露
储存条件	20~70 °C, 90% r.H. 无凝露
软件等级和结构	A
抗电击等级	可用于I类或II类设备
绝缘材质的PTI	PCB: PTI 250; 绝缘材料 PTI 175
绝缘件耐压周期	长
耐火和耐热等级	D
抗浪涌等级	II类
环境污染	2类

Fault signals

If the terminal detects the off-line status of the pCO board it is associated with, the display shows the message:

I/O Board xx fault.

On the other hand, if the terminal receives no signal from the network, the display shows the following message: **NO LINK**.

Displaying the status of the network and firmware version

Pressing the configuration buttons (↓↑) together for at least 10 seconds (in pLAN mode only), displays the screen shown in Fig. 7. The screen shown in Fig. 7 provides an example of the status of the pLAN, displaying which and how many devices are connected, and the corresponding addresses.

Key:

: pCO controllers active in network : terminals active in network : no device connected

The example in Fig. 7 represents:

pCO controllers active in network, addresses: 1

terminals active in network, addresses: 32

The ↓↑ buttons can be used to display the version of the firmware resident in the terminal (Fig. 10).

To exit the NetSTAT procedure, press ↓.

Contrast adjustment

Use + Prg + ↓↑ buttons to adjust the contrast.

Terminal settings

In configuration mode, press ↓ button to the screen shown in Fig.8. Use ↓ to change the pGN type 0/1 or baudrate.

Use the ↓↑ buttons to select the desired value, and confirm by pressing ↓ button and conform “**Yes**” to update settings.

Don't change the baudrate(default value is 62500) only if different application in pCO requires 115200 baudrate.

Backlight Automatic off

In configuration mode, press ↓ button to the screen shown in Fig.9. If pCO doesn't manage the backlight, backlight will switch off in 30 minutes if Backlight auto-off is Enabled.

Technical specifications

Display	
Type:	FSTN graphic
Backlighting:	white LEDs (controlled by "application software")
Graphic resolution:	132x64 pixels
Text mode:	8 rows x 22 columns (font sizes 5x7 and 11x15 pixel) PGN1/PGNE 4 rows x 20 columns (font sizes 5x7 and 11x15 pixel) PGN0 4 rows x 11 columns (font sizes 11x15 pixel) PGN1/PGNE 2 rows x 10 columns (font sizes 11x15 pixel) PGN0 or mixed modes
Character height:	3.5 mm (font size 5x7 pixels) 7.5 mm (font size 11x15 pixels)
Size of active area:	66x32 mm
Size of display area:	72x36 mm
Keypad LEDs / Buzzer	
	2 programmable by "application software", red and orange (Prg and Alarm buttons) 6 Blue LEDs, used as backlighting for keypad buttons Buzzer (optional - models *Z0)

Power supply	
Voltage:	power supply from pCO through telephone cable or external source 18/30 Vdc protected with 250 mA external fuse
Maximum power input:	0.9 W
Maximum distances	
Maximum pLAN length:	500 m with AWG22 twisted pair cable
pCO terminal distance:	2 m with telephone cable 500 m with AWG22 twisted pair cable and TCONN6J000 Note: to reach the maximum length, use a bus layout, with branches not exceeding 5 m.

Materials	
Transparent front panel:	transparent polycarbonate
Charcoal grey container back piece (wall/ built-in):	polycarbonate +ABS
Keypad:	silicon rubber
Transparent cover glass/frame:	transparent polycarbonate
Self-extinguishing classification:	V0 for transparent front panel and back piece HB for silicon keypad and remaining parts

Others	
Index of protection:	IP65 for panel mounting IP40 for wall mounting UL type 1
Operating conditions:	-20T60 °C, 90% r.H. non-condensing
Storage conditions:	-20T70 °C, 90% r.H. non-condensing
Software class and structure:	A
Classification according to protection against electric shock:	To be integrated into class 1 or 2 devices
PTI of insulating materials:	PCB: PTI 250; insulation material PTI 175
Period of electric stress across insulat. parts:	long
Category of resistance to fire and heat:	D
Immunity against voltage surges:	Category II
Environmental pollution:	2