



Main applications

- Small extruders
- Plastic machines
- Thermoregulation systems

Main features

- Monochrome graphic display
- 4 rows, 20 columns of text
- Downloadable fonts
- Scalable text
- 12 function keys with slide-in legends
- 13 user LEDs
- Multilanguage project capability
- Connection to bus systems
- New plastic bezel with flat design

GENERAL

Compact low-cost HMI with monochrome graphic display.

The product supports the rich common functionality of the operator panels:

- Powerful and intuitive programming with the Chatty Designer software
- Optional modules for fieldbus systems (Profibus DP, CANopen, GEFran CCP) and Ethernet
- Display data in numerical, text and bar-graph format
- Dynamic objects
- Data acquisition and trend presentation
- Recipe data storage
- Keyboard macro editor
- Alarms and historical alarm list
- Eight level password protection
- Report printing to serial printer

TECHNICAL DATA

DISPLAY

Monochrome LCD

Backlight: LED

Graphics: 120x32 pixels

Display dimensions: 70x21 mm

Rows/columns: 4x20

Scalable fonts

User definable characters: 256

Contrast regulation: software

MEMORY

User memory: 512 KB (64 KB reserved to the protocol)

User memory expansion: 512 KB

FRONT PANEL

Function keys: 12

System keys: 23

User LEDs: 13

System LEDs: 4

CONNECTIONS

PC/Printer port

PLC port: RS232/485/422/20mA CL

Aux port (fieldbus connection): yes, requires optional module

Programming speed: 9600 ÷ 38400 bps

FUNCTIONALITY

Page size: 32 rows

Number of variables per page:
unlimited

Recipe memory: 16KB

UniNet network: client/server

Alarms: 1024

Event list: 256

Alarm info page

Password

Battery

Hardware RTC

POWER SUPPLY

18...30Vdc

Max power consumption:

~ 300mA at 24Vdc

Fuse: 2A (user replaceable)

AMBIENT CONDITION

Operating temperature: 0 to 50°C

Storage temperature: -20 to 70°C

Operating an storage humidity: 5...95%

RH non-condensing

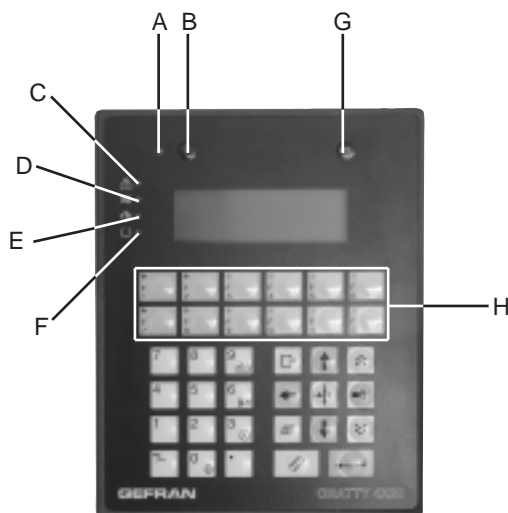
WEIGHT

~ 1.1Kg

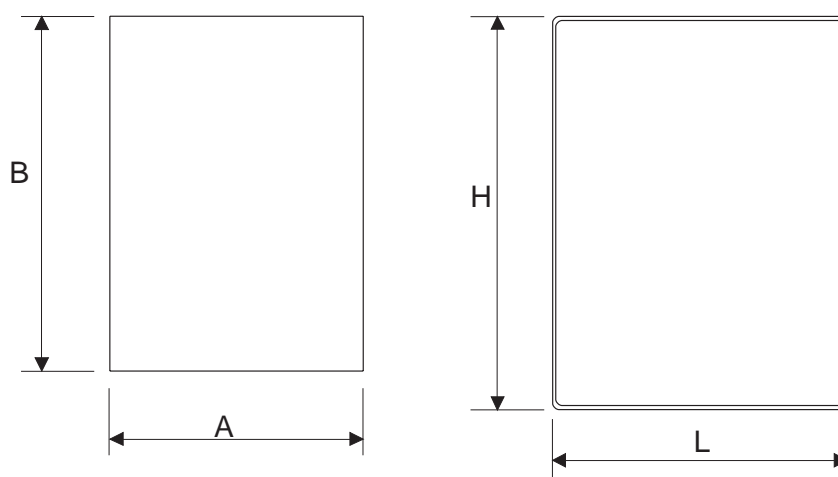
FACEPLATE DESCRIPTION

- A** - red: • OFF (no hardware problem detected)
• BLINK (battery low)
• ON (hardware fault)
- green: • OFF (no touch cell active)
• ON (while any touch cell is active -visual feedback-)
- B** - user programmable with the Keyboard Macro Editor. Not available in RDA. Designer 5.08 SP7 or higher is required.
- C** - red: • OFF (no alarms)
• BLINK (alarm requires acknowledgment)
• ON (alarm active)
- D** - green: • BLINK (communication error)
• ON (communication OK)
- E** - green: may be user controlled as LED number 65 using the Macro Editor: Turns ON when recipe/event backup is being performed
- F** - green: • OFF (hardware fault)
• ON (unit in operation)
- G** - reserved for future use
- H** - function keys

Protection class: IP65 (front panel)

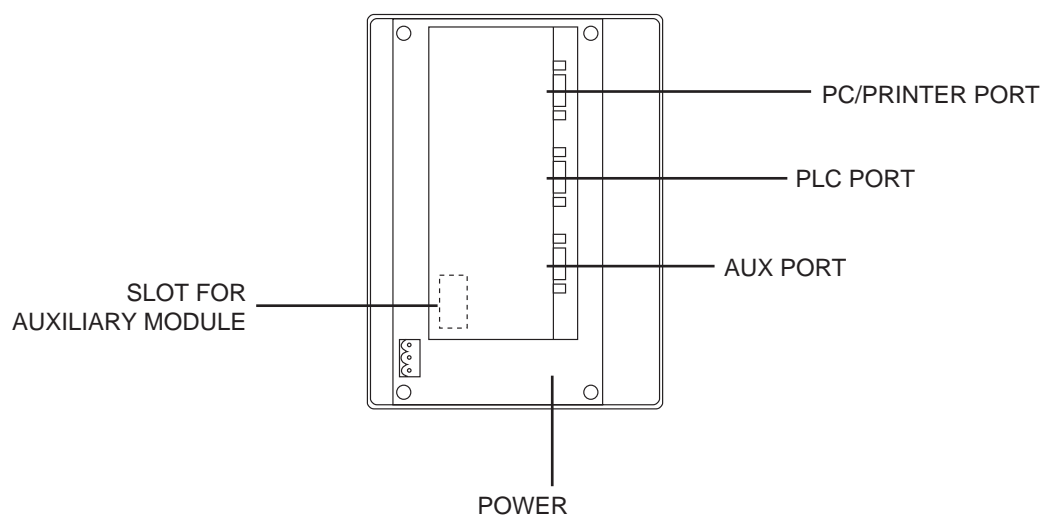



DIMENSIONS AND CUT OUT



Front dimensions LxH	141x176mm
Cutout AxH	128x163mm
Cutout depth	79.7mm
Max panel thickness	5mm

CONNECTION DIAGRAM



 Apply user's manual warnings for a correct installation

ORDER CODE

CHT 4x20 - 0 - 0 - 0

MODEL	
With 1 slot for auxiliary module	0

Please, contact GEFTRAN sales people for the codes availability.

GEFRAN spa reserves the right to make any kind of design or functional modification at any moment without prior notice.



In conformity to ECC 89/336/CEE and 73/23/CEE with reference to standards:
- CEI-EN 61000-02 (immunity in industrial environment) - EN 50081-1 (emission in residential environment) - EN 61010-1 (safety)