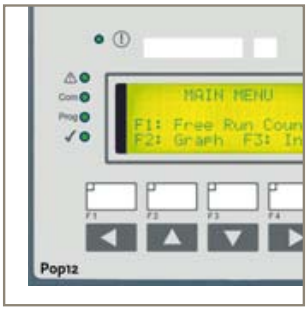




- aerospace
- climate control
- electromechanical
- filtration
- fluid & gas handling
- hydraulics
- pneumatics
- process control
- sealing & shielding





Parker Pop

CANopen

Compax3 *power*PL*m*C C1x
with integrated axis

*power*PL*m*C-E20
standalone

Compax3
I21T11 CANopen

SMH/MH

CANopen

digital
inputs &
outputs

Parker
servo motors

PIO
I/O

Pop

Parker operator panels



Parker

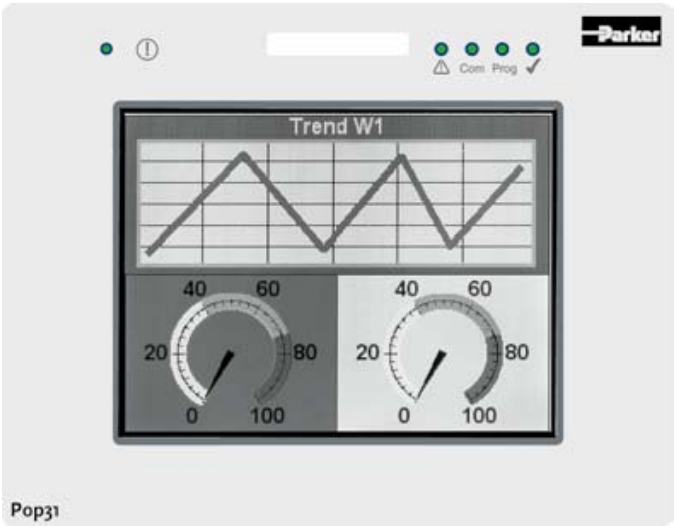
ENGINEERING YOUR SUCCESS.



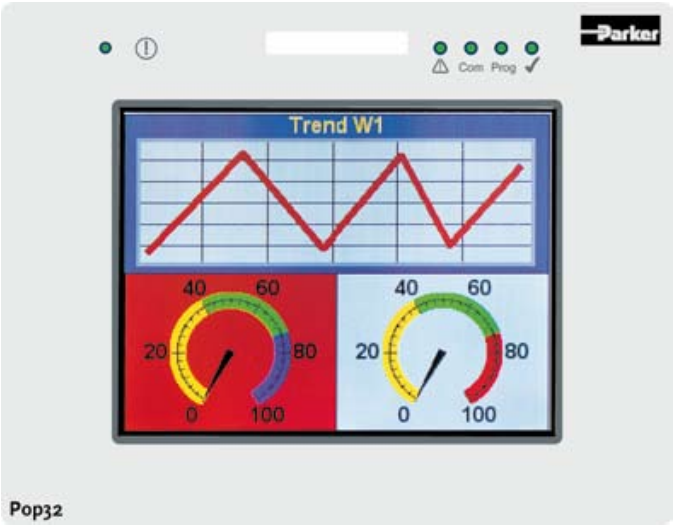




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Parker
Com Prog
Trend W1
40 60
20 80
0 100
40 60
20 80
0 100
Pop31


Parker
Graphic
Display
F0
Esc
Ent


Parker
Com Prog
Trend W1
40 60
20 80
0 100
40 60
20 80
0 100
Pop32

Automation Control and Monitoring

Parker Operator Panels

Parker supplies operator panels for all text and graphics applications in industrial environments. Features common to all versions include:

- Proven capability
- Extended functionality
- High reliability
- Ease of operation
- Excellent price-performance ratio
- Long life.

Text can be saved in multiple languages and used throughout the full range of Pop units.

The family of Pop operator panels extends from simple monochrome text and graphics panels (Pop12) to full-colour TFT touch screen displays (Pop32). Parker offers a wide choice of panels with a range of display sizes, numbers of function keys, LEDs, recipe memories, event lists and alarm lists. This means that panels are available to meet a wide variety of requirements. In addition to the standard RS232 and RS485 interfaces, the following optional field bus modules are available:

- Profibus DP
- CANopen
- DeviceNET
- Interbus S

Operator panels from the Pop series are all backlit, making them ideal for use in situations with poor lighting.

Versions are available with an IP65 protection rating to extend the range of industrial applications in which Pop panels may be used.

Along with Pop operating terminals, Parker also provides a software package called 'Pop Designer'. This software can be used with all panels whether for text and graphics displays or touch panels. Working with more than one type of operating terminal is made considerably easier due to compatibility throughout the range.

Parker Operator Panels are Easily Programmable

Pop-Designer software for Windows

Integrated applications programming for Pop panels and Compax3 servo controllers is made possible with the GMS Global Machine Shop and Pop Designer



Interfaces to the World of Automation

Pop panels are especially well suited for communicating with Parker automation equipment, particularly the Compax3 intelligent servo controller. The Global Machine Shop common programming environment makes simple, universal programming of Pop and Compax3 possible.

Pop panels also operate in conjunction with programmable logic controllers (PLCs) from various manufacturers.

Available device drivers

Manufacturer	Driver
ABB:	ABB CS31, ABB T200
Allen Bradley:	A-B DF1, A-B DH485, A-B Device Net, Device Net
Mitsubishi:	Mitsubishi FX, Mitsubishi A
Omron:	Omron C-Series
Siemens:	S7 PPI, S7 MPI, DP S7 Profibus DP
Télémécanique:	Unitelway, Telem TSX
Field busses:	Profibus DP, CANopen, DeviceNET, Interbus S
Parker EMD:	Compax, Compax3

Drivers for additional PLC products can be incorporated on request.

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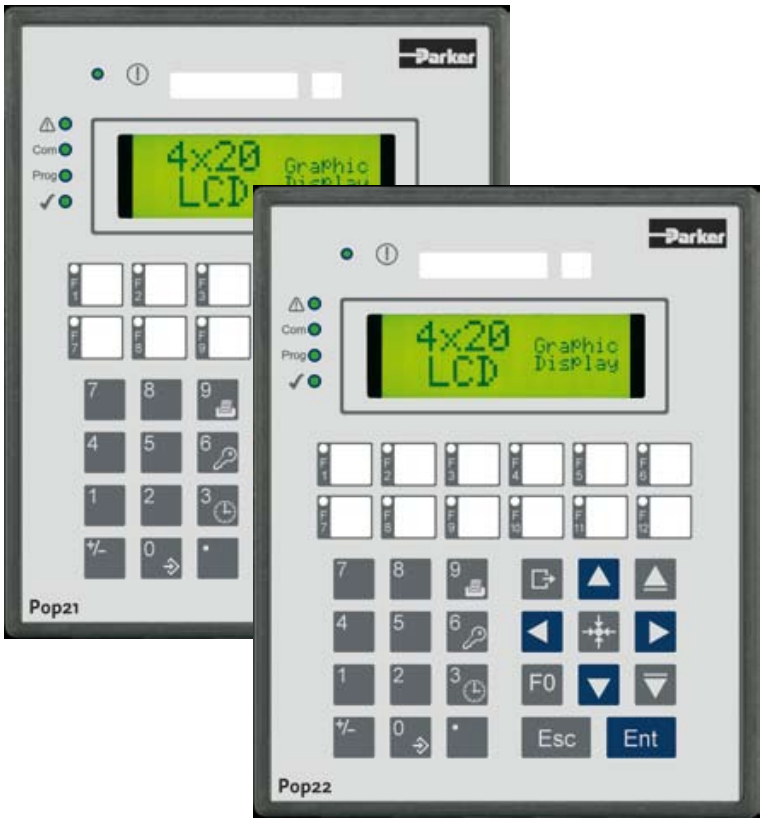
Text and graphics-oriented Operating Systems



Pop12

- 4 function keys with insertable labels
- 5 user LEDs
- Multilingual projects possible
- Connection to various bus systems
- RS-232, RS-422, RS-485, CL 20 mA
- 512 kB user program
- Dimensions in mm (wxhxd): 149x109x60
- Front plate depth: 5mm
- Monochrome **graphics display**
- 4 lines of 20 characters for text
- Downloadable font
- Scalable text

Operator panels with Graphics Displays



Pop21 / Pop22

- Monochrome graphics display
- 4 lines of 20 characters for text
- Downloadable font
- Scalable text
- 12 function keys with insertable labels
- 13 user LEDs
- Multilingual projects possible
- Connection to various bus systems
- Numeric keypad
- RS-232, RS-422, RS-485, CL 20 mA
- 512 kB user program
- 512 kB expanded memory
- Dimensions in mm (wxhxd): 141x176x75
- Front plate depth: 5mm

Pop22

- 32 kB recipe memory
- Event list for alarms
- Real time clock, battery-backed

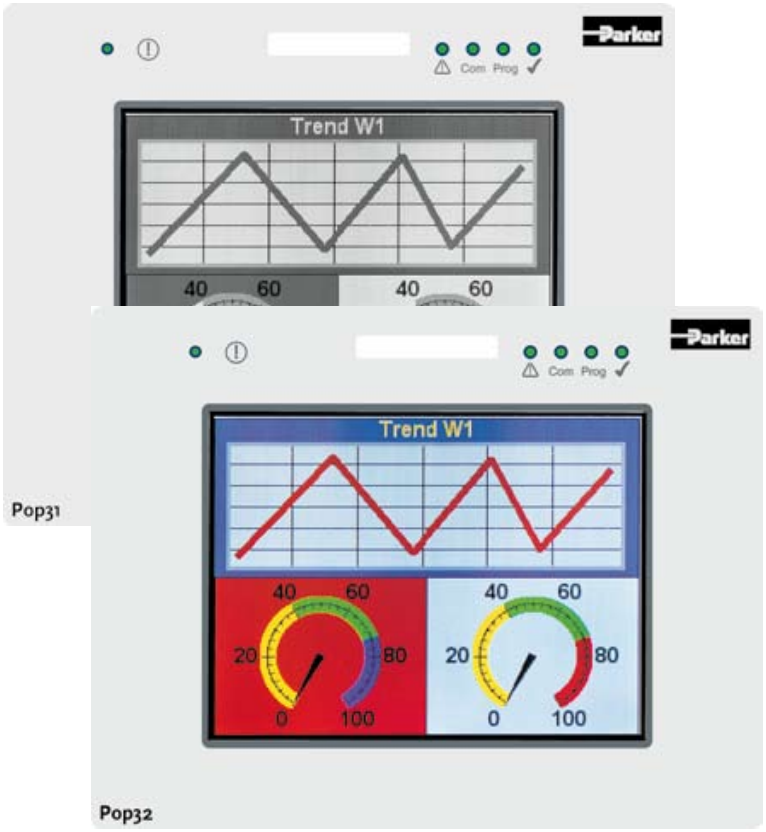
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Pop23

- Monochrome graphics display
- 8 lines of 40 characters for text
- Downloadable font
- Scalable text
- 23 function keys with insertable labels
- 24 user LEDs
- Multilingual projects possible
- Connection to various bus systems
- RS-232, RS-422, RS-485, CL 20 mA
- 512 kB user program
- 512 kB expanded memory
- Printer interface
- 16 kB recipe memory
- Event list for alarms
- Real time clock, battery-backed
- Dimensions in mm (wxhxd): 220x176x80
- Front plate depth: 5mm

Full Graphics with Touch Screen



Pop31 / Pop32

- 1/4 VGA display (320 x 240 Pixels), 5.6" diagonal
- 16 lines of 40 characters for text
- Resistive touch screen
- Can be connected to various bus systems
- Multilingual projects possible
- RS-232, RS-422, RS-485, CL 20 mA
- Printer interface
- 32 kB recipe memory
- Real time clock, battery-backed
- Event list for alarms
- Screensaver

Pop31

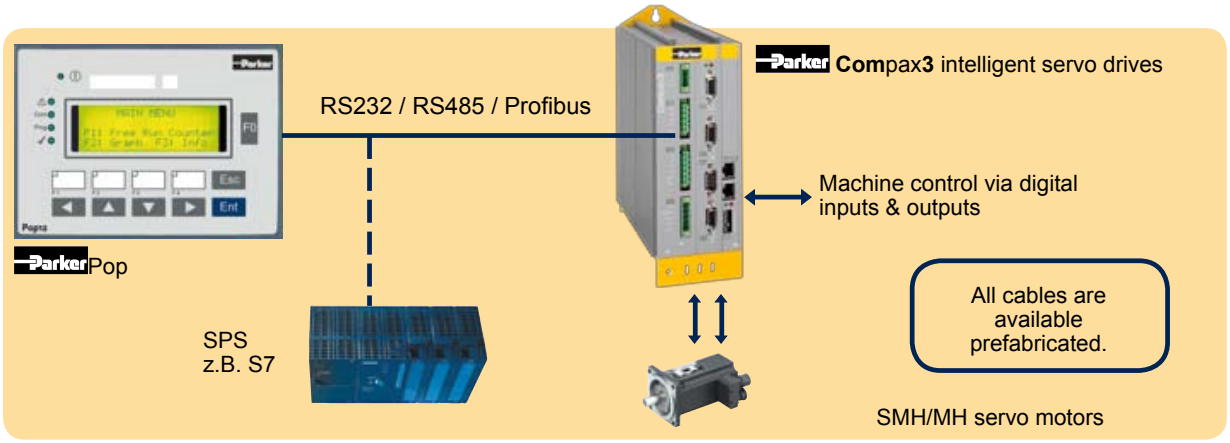
- Monochrome LCD display
- 8 MB flash memory on card
- Dimensions in mm (wxhxd): 187x147x79
- Front plate depth: 4mm

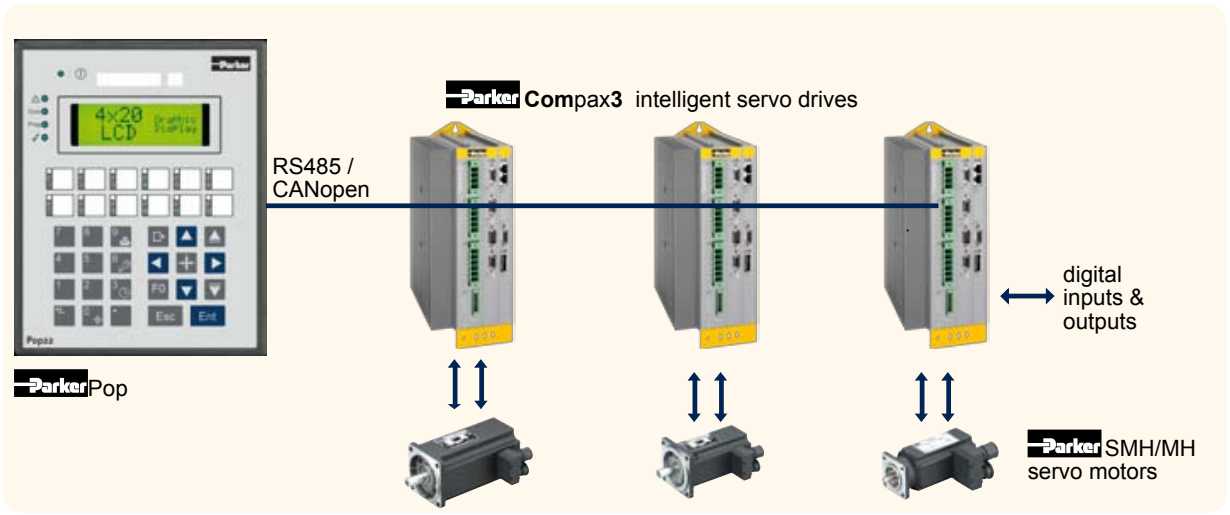
Pop32

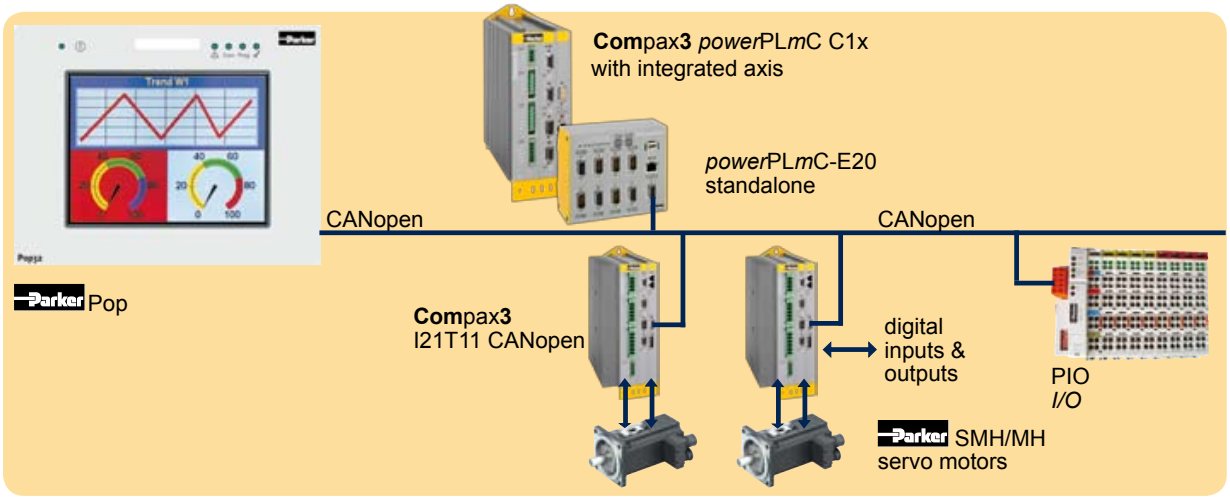
- STN color LCD display
- 8 MB flash memory on card
- Dimensions in mm (wxhxd): 187x147x90,4
- Front plate depth: 4mm

Parker Operator Panels offer flexible integration

Application examples with COMPAX and Compax3







We reserve the right to make technical changes. The data correspond to the technical state at the time of printing.
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