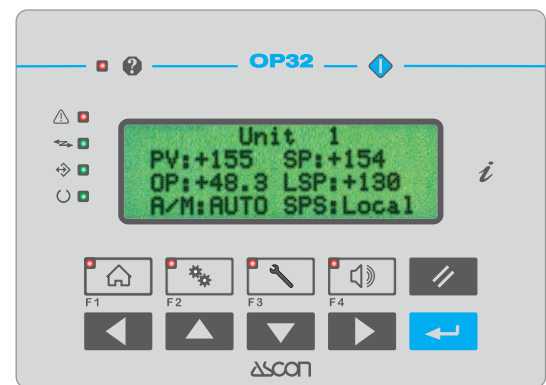


# Industrial Operator Panel with alphanumeric 4 x 20 character display **OP 32** line

- Monochrome graphic display 120 x 32 pixels
- Downloadable fonts
- Scalable text
- 4 user programmable function keys with slide-in legends
- 5 user programmable LED indicators
- Connection to industrial bus systems (more than 130 drivers) and Ethernet
- Plug-in communication modules for DeviceNet, Interbus, CANopen and Ethernet
- 512 kB user memory
- IP65 front panel protection
- Programmable with Designer software (optional)
- Scalable fonts for effective presentation of information
- Dual-driver communications capability
- Display data in alphanumeric and graphical formats
- Recipe storage
- Multi-language support
- Powerful macro editor for touch-screen operations
- Alarms and historical alarm list
- Up to eight levels of password protection



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## ASCON spa

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<http://www.ascon.it> - e-mail: [sales@ascon.it](mailto:sales@ascon.it)

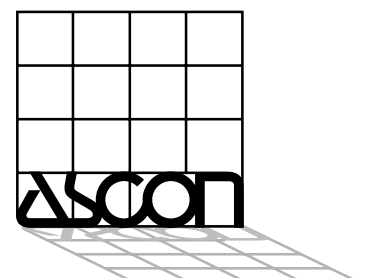
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ISO 9001 Certified



## Technical data

Display	
Type	Monochrome LCD
Resolution	120 x 32 pixels
Row/Columns	4 x 20
Scalable fonts	Standard
Active display area	70 x 21
User definable characters	256
Backlight	LED
Brightness	60 cd/m <sup>2</sup> typical
Contrast regulation	Software
Memory	
User memory	512 kB Internal flash
Interfaces	
PLC port	RS-232, RS-485, RS-422
Aux port (fieldbus and Ethernet connection)	Yes, with optional modules
Serial programming speed	9600... 38400 bps

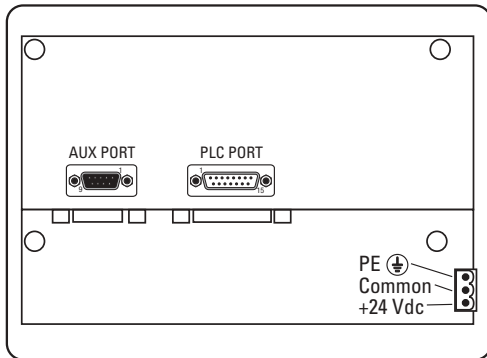
Functionality	
Number of variable per page	Unlimited
Dual driver capability	Standard
Recipe memory	16 kB
Alarms	1024
Event list	256
Password	Standard
Hardware RTC	Standard, battery backed-up
Replaceable battery	CR2430 (3V, 270mA Lithium)
Power supply voltage	18...30 Vdc (polarity sensitive)
Max. power consumption	~ 250 mA at 24 Vdc
Fuse	Automatic
Weight	~ 1 kg
Operating temperature	0...50 °C
Storage temperature	-20...+70 °C
Operating and storage humidity	5...85% RH non-condensing
Protection class	IP65 (front panel)

Product designed for installation in an industrial environment in compliance with the following regulations:

Emitted interference	EN 61000-6-4, 2001
Noise immunity	EN 61000-6-2, 2001

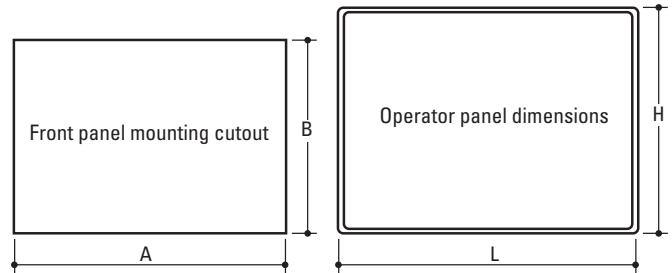
## Connections/Dimensions

### Connections

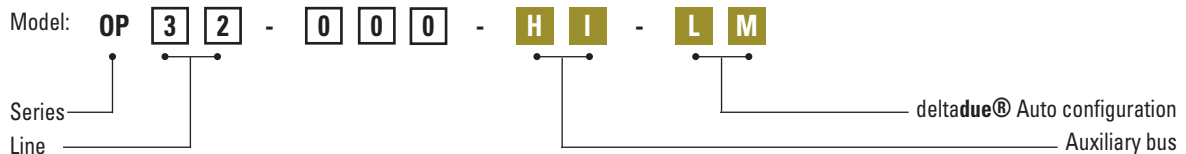


### Cutout and front view

Panel dimensions L x H	149 x 109 mm	5.86 x 4.29"
Cutout A x B	136 x 96 mm	5.35 x 3.78"
Mounting depth (type - 0045)	53 mm	2.08"
Max. panel thickness	5 mm	0.2"



## Ordering code



Auxiliary bus	H	I
None	0	0
CANbus	C	B