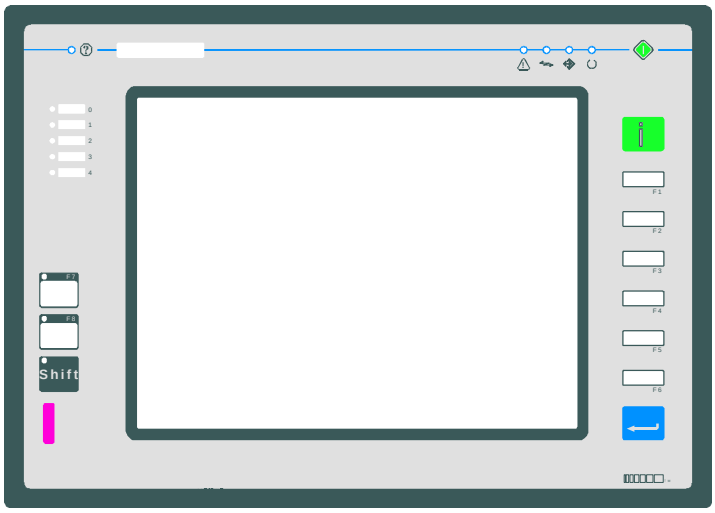
UniOP ER-VGA, EL-VGA

HMI with monochrome VGA display.

Highlights

- **VGA graphic resolution**
- **30 row, 80 characters of text**
- **Scalable text**
- **Definable characters**
- **Multilanguage project capability**
- **Connection to bus systems**



Technical data

	ER-VGA	EL-VGA
Display	Monochrome LCD	EL
Backlight	CCFL	-
Graphics	640x480 pixels	
Display dimensions	194x146 mm / 9.6”	212x159 mm / 10.4”
Rows/columns	30x80	
Character height	-	
Scalable fonts	Yes	
User definable characters	256	
Contrast regulation	Software	-
User memory	2 MB (SSFDC card) with 64 KB reserved to the protocol	
User memory expansion	Up to 4 MB total user memory	
Function keys	8	
System keys	3	
Touch screen	No	
User LEDs	8	
System LEDs	5	
PC/Printer port	Yes	
PLC port	RS-232, RS-485, RS-422, CL 20 mA	
Aux port (fieldbus connection)	Yes, with optional modules	
External keyboard port	Yes	

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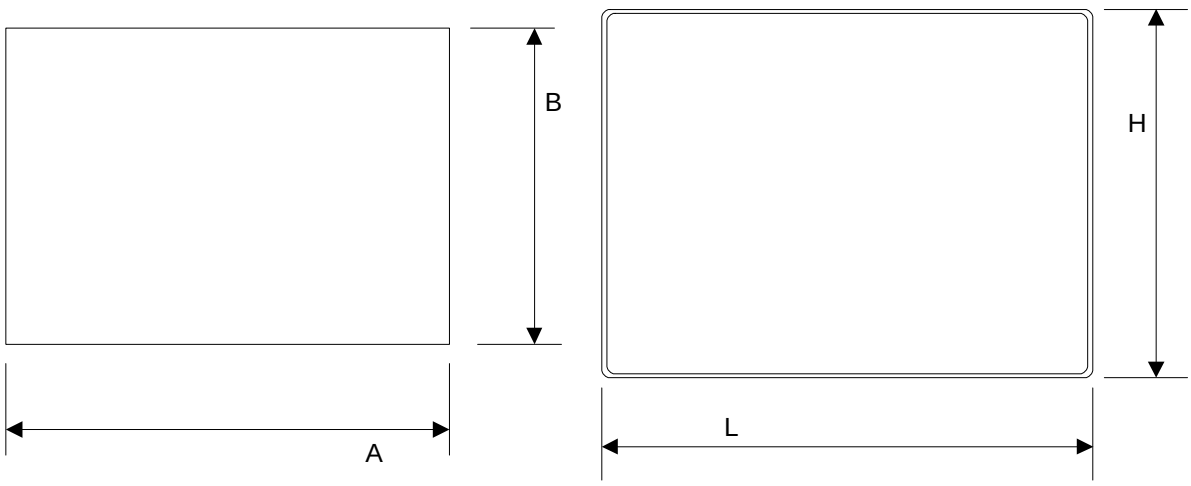
Programming speed	9600 ÷ 38400 bps	
Page size	30 rows	
Number of variables per page	Unlimited	
Recipe memory	16 KB	
UniNet network	Client/Server	
Alarms	1024	
Event list	256	
Alarm info page	Yes	
Password	Yes	
Battery	Yes	
Hardware RTC	Yes	
Screen saver	Yes	No
Buzzer	No	
Fuse	2 A (user replaceable)	
Power supply voltage	18 ÷ 30 VDC	
Max power consumption at 24VDC	~ 600 mA	~ 1300 mA
Max panel thickness	5 mm	
Weight	~ 2.7 Kg	
Operating temperature	0 ÷ 50 °C	
Storage temperature	-20 ÷ +70 °C	
Operating and storage humidity	5 ÷ 95 % UR non-condensing	
Protection class	IP65 (front panel)	

Front dimensions and cutout

Front dimensions LxH	311x220 mm	12.24x8.66 “
Cutout AxB	292x202 mm	11.50x7.95 “