

MICRO PANEL® 10.4"/12.1"

xSystem

With Stainless Steel Front for EX Zone 1



xSystem

10.4"/12.1", color

EX1

Infrarot

Ethernet

USB

RS232

CANopen

Communication modules (optional)

PLC (optional)

For use in explosive atmosphere

MICRO PANEL® XV400 10.4"/12.1" with stainless steel front are designed for use in areas where an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapor or mist is likely to occur in normal operation occasionally, such as in the chemical, pharmaceutical and food industry as well as in oil refineries. When integrated in pressurized enclosures, this device meets the protection requirements for **Zone 1, category 2G Ex p**.

MICRO PANEL® XV400 10.4"/12.1" with stainless steel front, and in conjunction with GALILEO, are visualization systems that can be connected to all typical PLC systems. Using MXpro, the system can be expanded to fully-fledged PLCs in compliance with IEC 61131-3.

MICRO PANEL® 10.4"/12.1"

With Stainless Steel Front for EX Zone 1

Subject to technical modifications.
XV400 10.4"/12.1", stainless steel front,
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Technical Data	XV-440-10TVB-1-50	XV440-12TVB-1-50
Article number	85 17 200575	85 17 200875
Display	10.4"	12.1"
Display type	TFT-LCD (color)	
Visible display area	211 x 158 mm	246 x 185 mm
Resolution (pixels)	VGA, 640 x 480 or 480 x 640 (portrait form.)	SVGA, 800 x 600 or 600 x 800 (portrait form.)
Color resolution	65536 colors	
Backlight	2 CCFL, dimmable via software	
Lifespan of backlight	Normally 50 000 h	
Protective panel	Non-reflective safety glass	
Operation		
Technology	Infra-red touch (light matrix display)	
System		
Processor	RISC, 32 Bit, 400 MHz	
Memory	64 MB	
Retentive memory	32 KB	
Internal flash memory	1.5 MB linear	
Compact Flash™ slot	2	
Real-time clock	Yes	
Operating system	WinCe	
Software		
Visualization software	GALILEO / EPAM	
PLC programming softw.	MXpro (CoDeSys)	
Interfaces		
Onboard	Ethernet, RS232, 2 x USB Host, USB Device, CAN	
Slots	2 for communication modules	
Power supply		
Rated voltage	24 VDC, reverse voltage protection, 1.3 A maximum	
Permissible voltage	RMS value: 20.4...28.8 VDC	
General data		
Ambient cond., operation	0...50 °C, 10...95% rel. air humidity, non-condensing	
Ambient cond., stor./transp.	-20...60 °C, 10...95% rel. air humidity, non-condensing	
Approvals	CE, UL/CSA, CCC, EX22, EX2, EX1	
Explosion protection	II 2G EEx p II	
IP protection class	IP65 front, IP20 rear	
Dimension		
Device (WxHxD)	345 x 260 x 93 mm	361 x 279 x 93 mm
Mounting cutout (WxH)	329 x 238 mm	344 x 262 mm
Weight	Approx. 4.1 kg	Approx. 4.5 kg



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