



Main

Range of product	Pro-face GP4000
Product or component type	Touch panel screen
Software designation	GP-Pro EX

Complementary

Display size	5.7 inch
Display type	Colour TFT LCD
Display colour	65536 colours
Display resolution	640 x 480 pixels VGA
Touch panel	Single touch analogue resistive
Backlight lifespan	50000 hours with white
Brightness	16 levels via touch panel
Character font	Japanese ASCII Chinese (simplified Chinese) Chinese (traditional Chinese) Korean Cyrillic Thai
[Us] rated supply voltage	24 V DC
Inrush current	35 A
Input voltage limits	19.2...28.8 V DC
Voltage endurance	1000 V AC during 1 min
Local signalling	Status LED green, steady for offline Status LED green, steady for operating status (RUN) Status LED green, flashing for logic stop Status LED orange, flashing for software starting up Status LED red, steady for power ON Status LED red, flashing for ERR (Error)
Maximum power consumption in W	12 W 8 W when power is not supplied to external devices
Memory description	User data memory 32 MB Backup memory 320 kB
Integrated connection type	COM1 serial link, interface: RS232C/RS422/RS485, transmission rate: 2400...115200 bps COM1 serial link, interface: RS232C/RS422/RS485, transmission rate: 187.5 kbps compatible with MPI USB 2.0 type A USB 2.0 type mini B Ethernet 1 RJ45, interface: 10BASE-T/100BASE-TX SD card slot 3-position enable output interface External output interface
Electrical connection	Cable 2 mm ² , AWG 14, max resistance 100 Ohm for functional grounding

Type of cooling	AN (air natural)
Height	178.3 mm
Width	224 mm
Depth	87.8 mm
Net weight	0.91 kg

Environment

Standards	UL 61010-2-201 CSA C22.2 No 61010-2-201 EN 61131-2 EN 61000-6-4 EN 61000-6-2 KN 11 KN 61000-6-2
Product certifications	UL[RETURN]cUL[RETURN]CE[RETURN]UKCA[RETURN]KC[RETURN]RCM[RETURN]EAC
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive 2011/65/EU - RoHS 1907/2006/EC - REACH directive
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-20...60 °C
Relative humidity	10...90 % non condensing
Storage Relative Humidity	10...90 % non condensing
Operating altitude	2000 m
IP degree of protection	IP65f
Pollution degree	2
Environmental characteristic	Corrosive gas free
Shock resistance	147 m/s ² (X, Y, Z directions for 3 times) conforming to EN/IEC 61131-2
Vibration resistance	3.5 mm (f = 5...9 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to EN/IEC 61131-2 9.8 m/s ² (f = 9...150 Hz) X, Y, Z directions for 10 cycles (approx. 100 min) conforming to EN/IEC 61131-2
Insulation resistance	> 10 MOhm
Electromagnetic compatibility	Electrostatic discharge immunity test - test level: 6 kV (contact discharge) conforming to EN/IEC 61000-4-2 level 3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	18.500 cm
Package 1 Width	26.500 cm
Package 1 Length	31.000 cm
Package 1 Weight	1.607 kg
Unit Type of Package 2	S04
Number of Units in Package 2	3
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	5.520 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes

China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes