



### Main

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

### Complementary

|                            |   |
|----------------------------|---|
| Display size               | 10.4 inch   |
| Display type               | Colour TFT LCD  |
| Display colour             | 65536 colours   |
| Display resolution         | 640 x 480 pixels VGA  |
| Touch panel                | Matrix  |
| Backlight lifespan         | 50000 hours with white  |
| Brightness                 | 16 levels via touch panel<br>16 levels by software  |
| Character font             | Japanese<br>ASCII<br>Chinese (simplified Chinese)<br>Chinese (traditional Chinese)<br>Korean<br>Cyrillic<br>Thai  |
| [Us] rated supply voltage  | 100...240 V AC  |
| Inrush current             | 30 A  |
| Voltage endurance          | 1.5 kV AC during 1 min  |
| Local signalling           | Status LED green, steady for offline<br>Status LED green, steady for operating status (RUN)<br>Status LED green, flashing for logic stop<br>Status LED orange, flashing for software starting up<br>Status LED red, steady for power ON<br>Status LED red, flashing for ERR (Error)   |
| Memory description         | User data memory 32 MB<br>Backup memory 320 kB  |
| Integrated connection type | COM1 serial link 1 SUB-D 9-pin male, interface: RS232C, transmission rate: 2400...115200 bps<br>COM2 serial link 1 SUB-D 9-pin male, interface: RS422/RS485, transmission rate: 2400...115200 bps<br>COM2 serial link 1 SUB-D 9-pin male, interface: RS422/RS485, transmission rate: 187.5 kbps compatible with MPI<br>USB 2.0 type A<br>USB 2.0 type mini B<br>Ethernet 1 RJ45, interface: 10BASE-T/100BASE-TX<br>SD card slot |
| Electrical connection      | Cable 2 mm <sup>2</sup> , AWG 14, max resistance 100 Ohm for functional grounding   |
| Type of cooling            | AN (air natural)  |
| Fixing mode                | By 4 screws, mounting on 1.6...5 mm thick panel   |
| Cut-out dimensions         | 259 x 201 mm panel cut dimension  |
| Height                     | 214.5 mm  |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|            |          |
|------------|----------|
| Width      | 272.5 mm |
| Depth      | 57 mm    |
| Net weight | 2 kg     |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN 61000-6-4<br>IEC 61000-6-2<br>UL 508<br>CSA C22.2 No 142<br>ANSI/ISA 12.12.01<br>CSA C22.2 No 213 Class I Division 2  |
| Product certifications                | UL[RETURN]cUL[RETURN]CE[RETURN]UKCA[RETURN]UKEX[RETURN]KC[RETURN]CCC<br>Ex[RETURN]RCM[RETURN]EAC   |
| Directives                            | 2014/35/EU - low voltage directive<br>2014/30/EU - electromagnetic compatibility<br>2012/19/EU - WEEE directive<br>2011/65/EU - RoHS<br>2015/863/EU - RoHS directive   |
| Ambient air temperature for operation | 0...55 °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 (front panel (in enclosure))   |
| NEMA degree of protection             | NEMA 4X front panel (in enclosure)<br>NEMA 13 front panel (in enclosure)   |
| Pollution degree                      | 2  |
| Environmental characteristic          | Corrosive gas free   |
| Shock resistance                      | 147 m/s <sup>2</sup> (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<br>9.8 m/s <sup>2</sup> (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             | 17.5 cm |
| Package 1 Width              | 30.0 cm |
| Package 1 Length             | 36.0 cm |
| Package 1 Weight             | 2.7 kg  |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product                                      |
| REACH Regulation           | <a href="#">REACH Declaration</a>                          |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) |
| Mercury free               | Yes  |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                     |
| RoHS exemption information | <a href="#">Yes</a>  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>              |
| Circularity Profile        | <a href="#">End Of Life Information</a>                    |