

**Data sheet**

VIPA Touch Panel TP 612C (62M-JID0-CB)

## Technical data

|                                     |  |
|-------------------------------------|--|
| <b>Order no.</b>                    | <b>62M-JID0-CB</b>   |
| Type                                | VIPA Touch Panel TP 612C   |
| <b>General information</b>          |  |
| Note                                | -  |
| Features                            | Display: 12"<br>Processor: XScale-CPU   1066 MHz<br>RAM [MB]: 256<br>User memory [MB]: 512<br>External slot: SD Card   CF Card<br>Onboard Interface: 1x RS232   1x 422/485   2x USB-A   1x USB-B   2x RJ45 (Ethernet)   1x MPI/PROFIBUS-DP<br>Software: CE6.0 Professional   Movicon CE Standard |
| <b>Display</b>                      |  |
| Display size (diagonal)             | 12.1 "   |
| Display size (width)                | 246 mm   |
| Display size (height)               | 184.5 mm   |
| Resolution                          | 768 x 1024 / 1024 x 768  |
| Aspect ratio                        | 4:3  |
| Type of display                     | TFT color (16.7M colors)   |
| MTBF Backlights (25°C)              | 50000 h  |
| <b>System properties</b>            |  |
| Processor                           | Xscale 1.1 GHz   |
| Operating system                    | Windows CE 6.0 Prof.   |
| User software                       | Movicon 11 CE Standard   |
| Work memory                         | 256 MB   |
| User memory                         | 512 MB   |
| Available memory (user data)        | 380 MB   |
| SD/MMC Slot                         | yes  |
| CF Card Slot Typ II                 | yes  |
| CFast Slot                          | -  |
| <b>Time</b>                         |  |
| Real-time clock buffered            | yes  |
| Clock buffered period (min.)        | 6 w  |
| Type of buffering                   | Vanadium Rechargeable Lithium Battery  |
| Load time for 50% buffering period  | 10 h   |
| Load time for 100% buffering period | 48 h   |
| Accuracy (max. deviation per day)   | 10 s   |
| <b>Operating controls</b>           |  |
| Touchscreen                         | resistive  |
| Touch function                      | Single Touch   |
| Keyboard                            | external via USB   |
| Mouse                               | external via USB   |
| <b>Interfaces</b>                   |  |

|                               |                      |
|-------------------------------|----------------------|
| MPI, PROFIBUS-DP              | RS485 isolated       |
| MPI, PROFIBUS-DP connector    | Sub-D, 9-pin, female |
| Serial, COM1                  | RS232                |
| COM1 connector                | Sub-D, 9-pin, male   |
| Serial, COM2                  | RS422/485 isolated   |
| COM2 connector                | Sub-D, 9-pin, female |
| Number of USB-A interfaces    | 2                    |
| USB-A connector               | USB-A (host)         |
| Number of USB-B interfaces    | 1                    |
| USB-B connector               | USB-B (device)       |
| Number of ethernet interfaces | 2                    |
| Ethernet                      | Ethernet 10/100 MBit |
| Ethernet connector            | RJ45                 |
| Integrated ethernet switch    | yes                  |
| Video connectors              | -                    |
| Audio connections             | -                    |

### Technical data power supply

|   |                       |
|---|-----------------------|
| Power supply (rated value)              | DC 24 V               |
| Power supply (permitted range)          | DC 20.4...28.8 V      |
| Reverse polarity protection             | yes                   |
| Current consumption (no-load operation) | 0.66 A                |
| Current consumption (rated value)       | 0.8 A                 |
| Inrush current                          | 7 A                   |
| I <sup>2</sup> t                        | 0.25 A <sup>2</sup> s |
| Power loss                              | 15.8 W                |

### Status information, alarms, diagnostics

|                        |     |
|------------------------|-----|
| Supply voltage display | yes |
|------------------------|-----|

### Mechanical data

#### Housing / Protection class

|                                  |                              |
|----------------------------------|------------------------------|
| Material                         | die-cast aluminum            |
| Mounting                         | via integrated pivoted lever |
| Protection class IP front side   | IP 65                        |
| Protection class IP back side    | IP 20                        |
| Protection class NEMA front side | -                            |
| Protection class NEMA back side  | -                            |

#### Dimensions

|             |                          |
|-------------|--------------------------|
| Front panel | 325 mm x 263 mm x 7.5 mm |
| Rear panel  | 309 mm x 247 mm x 45 mm  |

#### Installation cut-out

|                               |        |
|-------------------------------|--------|
| Width                         | 311 mm |
| Height                        | 249 mm |
| Minimum                       | 1.5 mm |
| Maximum front panel thickness | 6 mm   |
| Net weight                    | 3674 g |
| Weight including accessories  | -      |
| Gross weight                  | -      |

**Environmental conditions**

|                       |                 |
|-----------------------|-----------------|
| Operating temperature | 0 °C to 50 °C   |
| Storage temperature   | -20 °C to 60 °C |

**Certifications**

|                  |     |
|------------------|-----|
| UL certification | yes |
| KC certification | -   |