

## Data sheet

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

## Technical data

|                                     |                                                                                                                                                                                                                                                                                                  |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Order no.                           | 62M-JID0-CB                                                                                                                                                                                                                                                                                      |
| Type                                | Touch Panel TP 612C                                                                                                                                                                                                                                                                              |
| General information                 |                                                                                                                                                                                                                                                                                                  |
| 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 |
| Display                             |                                                                                                                                                                                                                                                                                                  |
| 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                                                                                                                                                                                                                                                                                          |
| System properties                   |                                                                                                                                                                                                                                                                                                  |
| 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                          | -                                                                                                                                                                                                                                                                                                |
| Time                                |                                                                                                                                                                                                                                                                                                  |
| 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                                                                                                                                                                                                                                                                                             |
| Operating controls                  |                                                                                                                                                                                                                                                                                                  |
| Touchscreen                         | resistive                                                                                                                                                                                                                                                                                        |
| Touch function                      | Single Touch                                                                                                                                                                                                                                                                                     |
| Keyboard                            | external via USB                                                                                                                                                                                                                                                                                 |
| Mouse                               | external via USB                                                                                                                                                                                                                                                                                 |
| Interfaces                          |                                                                                                                                                                                                                                                                                                  |
| 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 A²s         |
| Power loss                              | 15.8 W           |

## Status information, alarms, diagnostics

|                        |      |
|------------------------|------|
| Status display         | none |
| 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 | -   |