

# Touch panel - TP 12T - 2985194

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Touch panel with 30.7 cm (12.1") graphics-capable TFT display, 65,535 colors, 800 x 600 pixels, 1 x Ethernet, 2 x USB, and integrated runtime of the Visu+ visualization software.

## Why buy this product

- Short startup time
- Easy installation, low installation depth, and compact design
- Display available in sizes from 8.9 cm (3.8") to 38.1 cm (15")
- Visu+ RT and AX OPC server integrated as standard in all devices
- Energy efficient due to LED backlighting

## Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 046356 117203 |
| Weight per Piece (excluding packing) | 3465.0 g  |
| Custom tariff number                 | 84714100  |
| Country of origin                    | Germany   |

## Technical data

### Note:

|                         |   |
|-------------------------|---|
| Utilization restriction | EMC: class A product, see manufacturer's declaration in the download area |
|-------------------------|---|

### Dimensions

|                                   |                               |
|-----------------------------------|-------------------------------|
| External dimension, width         | 340 mm                        |
| External dimension, height        | 270 mm                        |
| External dimension, depth         | 5 mm                          |
| Note regarding external dimension | Dimensions of the front plate |
| Installation dimension, width     | 315 mm                        |
| Installation dimension, height    | 243.5 mm                      |

### Display

|            |                        |
|------------|------------------------|
| Display    | 30.7 cm/12.1" TFT      |
| Resolution | 800 x 600 Pixel (SVGA) |

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## Technical data

### Display

|              |                                   |
|--------------|-----------------------------------|
| Backlighting | LED                               |
| Touch screen | Resistive industrial touch screen |
| Colors       | 65,536 colors                     |

### Computer data

|                   |                                    |
|-------------------|------------------------------------|
| Processor         | Xscale® PXA320, 806 MHz            |
| RAM               | 128 MByte SDRAM                    |
| Mass storage      | 1 GB Flash                         |
| Interfaces        | 2x USB Host 1.1, 1x Compact Flash® |
| Network           | 1 x Ethernet (10/100 Mbps), RJ45   |
| Operating systems | Windows CE 5.0                     |

### General

|               |                             |
|---------------|-----------------------------|
| Mounting type | Installation in front plate |
|---------------|-----------------------------|

### Ambient conditions

|  |                                |
|--|--------------------------------|
| Degree of protection                     | IP65 (front), IP20 (back)      |
| Ambient temperature (operation)          | 0 °C ... 50 °C                 |
| Ambient temperature (storage/transport)  | -25 °C ... 70 °C               |
| Permissible humidity (operation)         | 20 % ... 85 % (non-condensing) |
| Permissible humidity (storage/transport) | 10 % ... 95 % (non-condensing) |
| Vibration (operation)                    | DIN EN 60068-2-6               |
| Shock                                    | DIN EN 60068-2-27              |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27330202 |
| eCl@ss 4.1 | 27330202 |
| eCl@ss 5.0 | 27242215 |
| eCl@ss 5.1 | 27242301 |
| eCl@ss 6.0 | 27242301 |
| eCl@ss 7.0 | 27242301 |
| eCl@ss 8.0 | 27242301 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001426 |
| ETIM 3.0 | EC001426 |
| ETIM 4.0 | EC001426 |
| ETIM 5.0 | EC001414 |

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 6.01 | 43172015 |
|-------------|----------|

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## Classifications

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 43172015 |
| UNSPSC 12.01  | 43211903 |
| UNSPSC 13.2   | 43201404 |

## Approvals

### Approvals

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Approvals

UL Listed / cUL Listed / GL / BV / ABS / GL-SW / GL / cULus Listed

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Ex Approvals


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Approvals submitted

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### Approval details

UL Listed 

cUL Listed 

GL

BV

ABS

GL-SW

GL

# Touch panel - TP 12T - 2985194

## Approvals

cULus Listed 

## Accessories

### Accessories

#### Battery module

Battery - HMI BATTERY - 2701383

CMOS battery



## Mounting material

Mounting kit - HMI WALL MOUNTING KIT - 2701380

HMI mounting kit for panel installation. The mounting kit includes 2 spring clips.



Mounting kit - HMI SCB MOUNTING KIT 4 - 2701384



HMI mounting kit for installation on a front plate. The mounting kit includes 4 x mounting brackets, 4 x screw threads, and a hexagonal wrench.

Mounting kit - HMI SCB MOUNTING KIT 6 - 2701385



HMI mounting kit for installation on a front plate. The mounting kit includes 6 x mounting brackets, 6 x screw threads, and a hexagonal wrench.

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### Accessories

Mounting kit - HMI SCB MOUNTING KIT 8 - 2701387



HMI mounting kit for installation on a front plate. The mounting kit includes 8 x mounting brackets, 8 x screw threads, and a hexagonal wrench.

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### Operating stylus

Touch pen - TOUCH PEN - 2701379



Touch pen for HMIs, silver coated. Delivery includes self-adhesive pen holder.

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### Parameterization memory

Memory - CF FLASH 256MB - 2988780



Program and configuration memory, plug-in, 256 MB

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### Protective foil

Protective foil - 12,1" DISPLAY PROTECTIVE FOIL - 2701377



Protective film set comprising 10 pieces of film for a 12.1" display. Including a squeegee to apply film and instructions.

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### Storage medium

USB memory stick - 2 GB USB STICK - 2701382



USB memory stick, 2 GB.

