

Touch panel - TP 3070T MPI - 2700913

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Touch panel with 17.8 cm (7.0") graphics-capable TFT display, 65,535 colors, 800 x 480 pixels, 1 x Ethernet, 1 x MPI, 2 x USB, and integrated runtime of the Visu+ visualization software

Product Features

- ✓ Easy installation, low installation depth, and compact design
- ✓ Short startup time
- ✓ Visu+ RT and AX OPC server integrated as standard in all devices
- ✓ Display available in sizes from 14.5 cm (5.7") to 30.7 cm (12")
- ✓ Can be extended with external CF card
- ✓ Can be extended with external CF card
- ✓ Energy efficient due to LED backlighting

Key commercial data

| | |
|----------------------|----------|
| Packing unit | 1 pc |
| Custom tariff number | 84714100 |
| Country of origin | Germany |

Technical data

Note

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

Dimensions

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|---------------------------------------|--|
| External dimension, width | 203 mm |
| External dimension, height | 147 mm |
| External dimension, depth | 5 mm |
| Note regarding external dimension | Dimensions of the front plate |
| Installation dimension, width | 195 mm |
| Installation dimension, height | 139 mm |
| Note regarding installation dimension | 55 mm, approximately with fieldbus interface |

Display

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Technical data

Display

| | |
|------------------------|-----------------------------------|
| Display | 17.8 cm/7" TFT |
| Resolution | 800 x 480 Pixel (WVGA) |
| Backlighting | LED |
| Display backlight MTBF | 40000 h |
| Touch screen | Resistive industrial touch screen |
| Colors | 65,536 colors |

Computer data

| | |
|---------------------|------------------------------------|
| Processor | Xscale® PXA320, 806 MHz |
| RAM | 128 MB SDRAM |
| Mass storage | 1 GB Flash |
| Interfaces | 2x USB Host 1.1, 1x Compact Flash® |
| Optional interfaces | 1x CF card, type I and II |
| Network | 1 x Ethernet (10/100 Mbps), RJ45 |
| Operating systems | Windows CE 6.0 |
| Power supply unit | 24 V DC ±20 % |
| Power consumption | 16.8 VA |

General

| | |
|---------------|-----------------------------|
| Mounting type | Installation in front plate |
| Weight | 1000 g |

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) | 20 % ... 85 % (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 | 27242304 |
| eCl@ss 6.0 | 27242301 |

Touch panel - TP 3070T MPI - 2700913

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 7.0 | 27242301 |
| eCl@ss 8.0 | 27242301 |

ETIM

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

UNSPSC

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|---------------|----------|
| UNSPSC 6.01 | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43211903 |
| UNSPSC 13.2 | 43201404 |

Approvals

Approvals


Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approvals submitted

Approval details

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| UL Listed  |
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| cUL Listed  |
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Approvals

