

Touch panel - TP 3070W/P - 2403459

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Touch panel with 17.8 cm/7" TFT-display (Projective-capacitive (PCAP)), 800 x 480 pixel(s) (WVGA), 16.7 million colors, Arm® Cortex®-A8, 1000 MHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7 and user software: Visu+. (bus system: without)


Similar figure

Your advantages

- Robust and sturdy, thanks to glass front suitable for industrial use
- Fast response and display refresh, thanks to powerful processor
- Flexible connection to third-party systems by means of various drivers
- Integrated Visu+ visualization software
- Mobile system access with the Visu+ mobile app



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 055626 354774 |
| GTIN | 4055626354774 |

Technical data

Note

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

Dimensions

| | |
|---|--|
| Outer dimensions: width, height, depth | 208 mm x 148.5 mm x 6 mm (Dimensions of the front plate) |
| Installation dimensions: width, height, depth | 198 mm x 138 mm x 53 mm (Installation cutout) |
| Installation depth | 80 mm (With bus interface) |

Display

| | |
|-------------------|------------------------------|
| Display | 17.8 cm/7" TFT |
| Screen resolution | 800 x 480 Pixel(s) (WVGA) |
| Touch technology | Projective-capacitive (PCAP) |

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Technical data

Display

| | |
|------------------------|--|
| Brightness | 400 cd/m ² , typical (adjustable) |
| Backlighting | LED |
| Display backlight MTBF | 50000 h |
| Colors | 16.7 million colors |
| Reading angle left | 70 ° |
| Reading angle right | 70 ° |
| Reading angle top | 60 ° |
| Reading angle bottom | 60 ° |

Computer data

| | |
|-------------------------|----------------------------------|
| Processor | Arm® Cortex®-A8, 1000 MHz |
| Operating system | Windows® Embedded Compact 7 |
| User software | Visu+ |
| RAM | 512 MB LPDDR RAM |
| Mass storage | NAND-Flash, 1 GB |
| Network | 1 x Ethernet (10/100 Mbps), RJ45 |
| Interfaces | 2x USB host 2.0 |
| Bus system | without |
| Slots | 1x SD |
| Realtime clock | Yes (battery-backed) |
| Service life of battery | 5 years (typical) |

General

| | |
|----------------------|-----------------------------|
| Material front plate | Aluminum (natural anodized) |
| Housing material | Steel sheet, zinc-plated |
| Mounting type | Front installation |
| Weight | 1300 g |

Ambient conditions

| | |
|--|--------------------------------|
| Degree of protection | IP65 (front), IP20 (back) |
| | NEMA 4X |
| 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 |

Device supply

| | |
|-----------------------------|-----------------------|
| Supply voltage | 24 V DC |
| Supply voltage range | 18 V DC ... 30 V DC |
| Typical current consumption | 0.4 A |
| Power consumption | typ. 9.6 W (Standard) |

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Technical data

Device supply

| | |
|-------------------|---------------|
| Power supply unit | 24 V DC ±20 % |
|-------------------|---------------|

Standards and Regulations

| | |
|-----------------------|-------------------|
| Shock | DIN EN 60068-2-27 |
| Vibration (operation) | DIN EN 60068-2-6 |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 15; |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Approvals

Approvals


Approvals


UL Listed / cUL Listed / cULus Listed

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approval details

| | | | |
|-----------|---|---|---------------|
| UL Listed |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 205795 |
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| cUL Listed |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 205795 |
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