

Touch panel - TP 3043W/WT - 2404286

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Rugged touch panel with 10.92 cm / 4.3" TFT display (analog-resistive (GFG)), 480 x 272 pixels, degree of protection: IP67 (front), extended temperature range, ARM® Cortex®-A8, 1000 MHz, Windows® Embedded Compact 7 and Visu+ application software.

Similar figure

Why buy this product

- ☒ Display can be read in sunlight
- ☒ Can be operated when wearing work gloves
- ☒ Resistant to UV and IR radiation
- ☒ Resistant to environmental influences, such as salt spray, termites, and chemicals
- ☒ Weatherproof thanks to IP67 protection

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 381985
GTIN	4055626381985

Technical data

Note

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

External dimension, width	171 mm
External dimension, height	131 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	136 mm
Installation dimension, height	96 mm
Installation dimension, depth	42 mm
Note regarding installation dimension	Mounting cutout, depth with bus if bus system present in the device

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Technical data

Display

Display	10,92 cm / 4,3"-TFT
Screen resolution	480 x 272 Pixel(s) (WQVGA)
Backlighting	LED
Display backlight MTBF	40000 h
Touch technology	Analog resistive (GFG)
Colors	262144 colors

Computer data

Processor	ARM® Cortex®-A8, 1000 MHz
Operating systems	Windows® Embedded Compact 7
User software	Visu+
RAM	1 MB SRAM
	512 MB LPDDR SDRAM
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
Service life of battery	5 years (typical)

General

Extras	Integrated acoustic signal (buzzer)
Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Bolt fixing
Weight	600 g

Ambient conditions

Degree of protection	IP67 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 80 °C
Permissible humidity (operation)	20 % ... 85 %
Vibration (operation)	1g, according to EN 60068-2-6
Shock	15g, according to IEC 60068-2-27

Device supply

Power supply unit	24 V DC ±20 %
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Standards and Regulations

Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

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Technical data

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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cULus Listed			
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