

# Touch panel - TP 3120W/WT - 1029308

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Rugged touch panel with 30.7 cm/12.1" TFT display (analog-resistive (GFG)), 1280 x 800 pixels (WXGA), 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



## Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 530345
GTIN	4055626530345

## 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	344 mm
External dimension, height	248 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	309 mm
Installation dimension, height	214 mm
Installation dimension, depth	64 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	30.7 cm / 12.1" TFT
Screen resolution	1280 x 800 Pixel(s) (WXGA)
Backlighting	LED
Display backlight MTBF	50000 h
Touch technology	Analog resistive (GFG)
Colors	65536 colors

### Computer data

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

### General

Extras	Integrated acoustic signal (buzzer)
Mounting type	Bolt fixing
Weight	2350 g

### Ambient conditions

Degree of protection	IP67 (front), IP20 (back)
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-20 °C ... 80 °C
Permissible humidity (operation)	5 % ... 95 % (Front)
	20 % ... 85 % (On the rear)
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

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 15;
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#### Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>