

## Touch panel - TD 1030T - 2701257

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Touch panel with 7.1 cm/2.8" TFT-display (analog resistive (polyester)), 320 x 240 pixel(s) (QVGA), 4 colors, Cortex™-M3 120 MHz, without, 1 x Ethernet (10/100 Mbps), RJ45, Keil RTX (RTOS) and user software: PC Worx. (bus system: without)

### Your advantages

- ✓ Short startup time
- ✓ Easy installation, low installation depth, and compact design
- ✓ Neutral front
- ✓ No additional visualization software: parameterization instead of visualization
- ✓ Low maintenance costs - projects are only adapted once
- ✓ Nano browser (WebVisit Client) integrated as standard in all devices
- ✓ Easy device replacement - the visualization project is saved on the PLC (web server)

RoHS

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 771122
GTIN	4046356771122
Weight per Piece (excluding packing)	380.000 g
Custom tariff number	84715000
Country of origin	Germany

### Technical data

#### Note

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

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## Technical data

### Dimensions

Outer dimensions: width, height, depth	96 mm x 72 mm x 60 mm
Installation dimensions: width, height, depth	92.8 mm x 68.7 mm x 53.5 mm (Information on mounting cutout)

### Display

Display	7.1 cm/2.8" TFT
Screen resolution	320 x 240 Pixel(s) (QVGA)
Touch technology	analog resistive (polyester)
Brightness	280 cd/m <sup>2</sup> , typical (adjustable)
Backlighting	LED
Display backlight MTBF	40000 h
Colors	4 colors

### Computer data

Processor	Cortex™-M3 120 MHz
Operating system	Keil RTX (RTOS)
User software	PC WORX
RAM	96 kB SRAM
Mass storage	Flash, 512 kB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	without
Bus system	without

### General

Material front plate	Plastic
Housing material	Plastic
Mounting type	Front installation

### Ambient conditions

Degree of protection	IP54 (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

### Device supply

Typical current consumption	0.1 A
Power supply unit	24 V DC ±20 %

### Standards and Regulations

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## Technical data

### Standards and Regulations

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

### Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 15;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Classifications

### eCl@ss

eCl@ss 4.0	27330200
eCl@ss 4.1	27330200
eCl@ss 5.0	27330200
eCl@ss 5.1	27330200
eCl@ss 6.0	27242300
eCl@ss 7.0	27242302
eCl@ss 8.0	27242302
eCl@ss 9.0	27330201

### ETIM

ETIM 3.0	EC001426
ETIM 4.0	EC001412
ETIM 5.0	EC001412
ETIM 6.0	EC001412
ETIM 7.0	EC001412

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43211904

## Approvals

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## Approvals

Approvals

UL Listed / cUL Listed / EAC / EAC / cULus Listed

Ex Approvals

## Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 205795
cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 205795
EAC			EAC-Zulassung
EAC			RU *- DE.A*30.B.00238
cULus Listed			

## Accessories

Accessories

Operating stylus

Touch pen - TOUCH PEN - 2701379



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

