

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 (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)

Why buy this product

- 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)

Key Commercial Data

Packing unit	1 STK
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

External dimension, width	96 mm
External dimension, height	72 mm
External dimension, depth	60 mm
Installation dimension, width	92.8 mm

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Dimensions

Installation dimension, height	68.7 mm
Installation dimension, depth	53.5 mm
Note regarding installation dimension	Information on mounting cutout

Display

Display	7.1 cm/2.8" TFT
Screen resolution	320 x 240 Pixel(s) (QVGA)
Backlighting	LED
Display backlight MTBF	40000 h
Touch technology	Analog resistive (polyester)
Colors	4 colors

Computer data

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

General

Mounting type	Front installation
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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

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

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

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Environmental Product Compliance

China RoHS	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Classifications

eCl@ss

eCl@ss 5.1	27242302
eCl@ss 6.0	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

UNSPSC

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

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

Touch panel - TD 1030T - 2701257

Approvals

EAC		RU *- DE.A*30.B.00238
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EAC		EAC-Zulassung
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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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Accessories

Accessories

Operating stylus

Touch pen - TOUCH PEN - 2701379



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