

# TD 1030T - Touch panel



2701257

<https://www.phoenixcontact.com/in/products/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

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

## Commercial Data

Item number	2701257
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	DRC
Product Key	DRCABD
Catalog Page	Page 16 (C-6-2017)
GTIN	4046356771122
Weight per Piece (including packing)	376.5 g
Weight per Piece (excluding packing)	376.3 g
Customs tariff number	84715000
Country of origin	DE

## Technical Data

### Product properties

Product type	Operator panel
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### Computer data

Processor	Cortex™-M3 120 MHz
Operating system	Keil RTX (RTOS)
RAM	96 kB SRAM
Data storage system	Flash, 512 kB

### Display

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

### Software

User software	PC Worx
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### Interfaces

Interfaces	without
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without

### System properties

User software	PC Worx
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### Electrical properties

#### Supply

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

### Mounting

Mounting type	Front mounting
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### Material specifications

Material front plate	Plastic
Housing material	Plastic

### Environmental and real-life conditions

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

## Dimensions

Width	96 mm
Height	72 mm
Depth	60 mm

## External dimensions

Width / Height / Depth	96 mm / 72 mm / 60 mm
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## Installation dimensions

Width / Height / Installation depth	92.8 mm / 68.7 mm / 53.5 mm (Information on mounting cutout)
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## Classifications

### ECLASS

ECLASS-11.0

27330201

### ETIM

ETIM 7.0

EC001412

### UNSPSC

UNSPSC 21.0

43211904

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## Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 15; For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"
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## Accessories

### TOUCH PEN - Touch pen

2701379

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

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PHOENIX CONTACT (I) Pvt. Ltd.  
A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420  
[info@phoenixcontact.co.in](mailto:info@phoenixcontact.co.in)