

TP 3120W/WT-65 - Touch panel



1029352

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Rugged touch panel with 30.7 cm / 12.1" TFT display (analog-resistive (GFG)), 1280 x 800pixels(WXGA), degree of protection: IP65 (front), extended temperature range, ARM[®] Cortex[®]-A8, 1000 MHz, Windows[®] Embedded Compact 7, and Visu+ application software.

Your advantages

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

Commercial data

Item number	1029352
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DRCACC
Catalog page	Page 489 (C-6-2019)
GTIN	4055626530352
Weight per piece (including packing)	2,350 g
Weight per piece (excluding packing)	2,350 g
Customs tariff number	84714100
Country of origin	DE

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Technical data

Product properties

Product type	Operator panel
Application	Rugged

Computer data

Processor	Arm® Cortex®-A8, 1000 MHz
Operating system	Windows® Embedded Compact 7
RAM	512 MB LPDDR SDRAM 1 MB SRAM
Data storage system	NAND-Flash, 1 GB
Slots	1x SD
Extras	Integrated acoustic signal (buzzer)

Display

Display type	30.7 cm/12.1" TFT
Readability in sunlight	yes
Screen resolution	1280 x 800 Pixel(s) (WXGA)
Touch technology	Analog resistive (GFG)
Display lighting type	LED
Brightness	320 cd/m² typical (adjustable)
MTBF	50000 h
Color spectrum	65536 colors
Reading angle left	88.00 °
Reading angle right	88.00 °
Reading angle top	88.00 °
Reading angle bottom	88.00 °

Interfaces

Interfaces	2x USB 2.0
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without

System properties

User software	Visu+
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System requirements

Runtime system	Visu+ Runtime
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Electrical properties

Service life of battery	5 years (typical)
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Supply

Power supply unit	24 V DC ±20 %
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Typical current consumption	0.7 A
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Real-time clock

Realtime clock	Yes
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Mounting

Mounting type	Front mounting
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Material specifications

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-20 °C ... 80 °C
Altitude	4000 m
Permissible humidity (operation)	5 % ... 95 % (Front) 20 % ... 85 % (On the rear)
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Dimensions

External dimensions

Width / Height / Depth	347 mm / 241 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	322 mm / 217 mm / 59 mm (Mounting cutout, depth with bus if bus system present in the device)
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com