

# TPG070SGW/200130023 S00070 - Touch panel



2401278

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Rugged-Touch panel, 17.8 cm / 7"-TFT display (Analog resistive (GFG)), 800 x 480 pixel(s) (WVGA), 65536 colors, Arm® Cortex®-A8, 1000 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7, TSvisIT, without bus system.

Similar figure

## Commercial data

Item number	2401278
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCACE
GTIN	4055626109794
Weight per piece (including packing)	1,100 g
Weight per piece (excluding packing)	1,100 g
Country of origin	DE

## 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
Data storage system	NAND-Flash, 256 MB
Slots	1x SD

### Display

Display type	17.8 cm / 7"-TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	Analog resistive (GFG)
Display lighting type	LED
Brightness	400 cd/m², typical (adjustable)
MTBF	50000 h
Color spectrum	65536 colors
Reading angle left	70.00 °
Reading angle right	70.00 °
Reading angle top	60.00 °
Reading angle bottom	60.00 °

### Interfaces

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

### System properties

User software	TSvisIT
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### Electrical properties

Service life of battery	5 years (typical)
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#### Supply

Typical current consumption	0.4 A
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#### Real-time clock

Realtime clock	Yes
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#### Supply

Power supply unit	24 V DC ±20 %
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## Mounting

Mounting type	Bolt fixing
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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	IP67 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	-32 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	3000 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	234 mm / 174 mm / 5 mm (Dimensions of the front plate)
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### Installation dimensions

Width / Height / Installation depth	200 mm / 140 mm / 77 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](mailto:info@phoenixcon.com)