

# Touch panel - TPG070SGW/200130003 S00122 - 2401650

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Rugged-Touch panel with 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 and user software: Visu+. (bus system: without)

Similar figure



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626337494

## Technical data

### Note

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

Outer dimensions: width, height, depth	208 mm x 148 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	200 mm x 140 mm x 51 mm (Mounting cutout, depth with bus if bus system present in the device)

### Display

Display	17.8 cm/7" TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	Analog resistive (GFG)
Brightness	400 cd/m <sup>2</sup> , typical (adjustable)
Backlighting	LED
Display backlight MTBF	50000 h
Colors	65536 colors
Reading angle left	70 °
Reading angle right	70 °
Reading angle top	60 °

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## Technical data

### Display

Reading angle bottom	60 °
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### Computer data

Processor	Arm® Cortex®-A8, 1000 MHz
Operating system	Windows® Embedded Compact 7
User software	Visu+
RAM	512 MB LPDDR SDRAM
Mass storage	NAND-Flash, 256 MB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB host 2.0
Bus system	without
Slots	1x SD
Realtime clock	Yes
Service life of battery	5 years (typical)

### General

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Front installation
Weight	1100 g

### Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	-32 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Permissible humidity (operation)	5 % ... 95 % (Front)
	20 % ... 85 % (On the rear)
Vibration (operation)	1g, according to EN 60068-2-6
Shock	15g, according to IEC 60068-2-27

### Device supply

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

Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

### Environmental Product Compliance

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

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