

# TPG121SGS/200610021 S00071 - Touch panel



2401627

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Rugged-Touch panel, 30.7 cm / 12.1"-TFT display (Analog resistive (GFG)), 800 x 600 pixel(s) (SVGA), 16.7 million colors, Arm® Cortex®-A8, 1000 MHz, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7, TSvisIT, DualCAN.

## Commercial data

Item number	2401627
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCBBE
GTIN	4055626296869
Weight per piece (including packing)	2,750 g
Weight per piece (excluding packing)	2,750 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
	1 MB SRAM
Data storage system	NAND-Flash, 1 GB
Slots	1x SD
Optional keys	without

### Display

Display type	30.7 cm / 12.1"-TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Touch technology	Analog resistive (GFG)
Display lighting type	LED
Brightness	360 cd/m <sup>2</sup> typical (adjustable)
MTBF	50000 h
Color spectrum	16.7 million colors
Reading angle left	80.00 °
Reading angle right	80.00 °
Reading angle top	65.00 °
Reading angle bottom	75.00 °

### Interfaces

Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	DualCAN

### System properties

User software	TSvisIT
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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 %
Typical current consumption	0.6 A

### Real-time clock

Realtime clock	Yes
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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)	-30 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Permissible humidity (operation)	20 % ... 85 % (On the rear) 5 % ... 95 % (Front)

### Dimensions

#### External dimensions

Width / Height / Depth	359 mm / 280 mm / 5 mm (Dimensions of the front plate)
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#### Installation dimensions

Width / Height / Installation depth	323 mm / 244 mm / 58 mm (Mounting cutout, depth with bus if bus system present in the device)
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