TPG121SGS/200610021 S00071 - Touch panel

2401627

https://www.phoenixcontact.com/us/products/2401627

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/m² 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

Electrical properties

Service life of battery	5 years (typical)

Supply

Power supply unit	24 V DC ±20 %
Typical current consumption	0.6 A

Real-time clock

Realtime clock	Yes

Mounting

Mounting type	Bolt fixing

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)

Installation dimensions

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