

Touch panel - TPG070AGW/107060020 S00001 - 2401274

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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, Arm9™, 184 MHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows CE 5.0 and user software: TSvisRT. (bus system: without)

Similar figure



Key Commercial Data

Packing unit	1
GTIN	 4 055626 095745
GTIN	4055626095745
Custom tariff number	84714100

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	234 mm x 174 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	200 mm x 140 mm x 42 mm

Display

Display type	17.8 cm/7" TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	Analog resistive (GFG)
Brightness	400 cd/m ² , typical (adjustable)
Backlighting	LED

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Technical data

Display

Display backlight MTBF	50000 h
Colors	65536 colors
Reading angle left	70 °
Reading angle right	70 °
Reading angle top	60 °
Reading angle bottom	60 °

Computer data

Processor	Arm9™, 184 MHz
Operating system	Windows® CE 5.0
User software	TSvisRT
RAM	128 MB SDRAM
	512 KB NV
Mass storage	NOR-Flash, 64 MB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB Host 2.0
Bus system	without
Optional interfaces	none
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	Bolt fixing
Weight	1000 g

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
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

Typical current consumption	0.4 A
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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

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 15;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27330201
eCl@ss 11.0	27330201
eCl@ss 4.0	27330200
eCl@ss 4.1	27330200
eCl@ss 5.0	27330200
eCl@ss 5.1	27330200
eCl@ss 6.0	27242300
eCl@ss 7.0	27242302
eCl@ss 9.0	27330201

ETIM

ETIM 4.0	EC001412
ETIM 6.0	EC001412
ETIM 7.0	EC001412

UNSPSC

UNSPSC 13.2	43211904
UNSPSC 18.0	43211904
UNSPSC 19.0	43211904
UNSPSC 20.0	43211904
UNSPSC 21.0	43211904

Approvals

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Approvals

Approvals


UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 205795
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 205795
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cULus Listed			
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