

TPG070SGW/200630023 S00069 - Touch panel



2401280

<https://www.phoenixcontact.com/us/products/2401280>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Rugged-Touch panel, 17.8 cm / 7"-TFT display (Analog resistive (GFG)), 800 x 480 pixel(s) (WVGA), 16.7 million colors, Arm® Cortex®-A8, 1000 MHz, 2x USB Host 2.0, 1x COM (RS-232), 1x COM (RS-232/485), 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7, Open platform, DualCAN.

Similar figure

Commercial data

Item number	2401280
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCACA
GTIN	4055626109770
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	16.7 million 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
	1x COM (RS-232)
	1x COM (RS-232/485)
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	DualCAN

System properties

User software	Open platform
---------------	---------------

Electrical properties

Service life of battery	5 years (typical)
-------------------------	-------------------

Supply

Typical current consumption	0.5 A
-----------------------------	-------

Real-time clock

Realtime clock	Yes
----------------	-----

Supply

2401280

<https://www.phoenixcontact.com/us/products/2401280>

Power supply unit	24 V DC \pm 20 %
-------------------	--------------------

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)	-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)
------------------------	--------------------------------------------------------

Installation dimensions

Width / Height / Installation depth	202 mm / 140 mm / 77 mm (Mounting cutout, depth with bus if bus system present in the device)
-------------------------------------	-----------------------------------------------------------------------------------------------

TPG070SGW/200630023 S00069 - Touch panel



2401280

<https://www.phoenixcontact.com/us/products/2401280>

Classifications

UNSPSC

UNSPSC 21.0	43211904
-------------	----------

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(b), 6(b)-II, 6(c), 7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-15
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
-------------------------------------	----------------------