

Touch panel - TPM070ZGW-12/800630924 S00063 - 2401286

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Maritime-Touch panel with 17.8 cm/7" TFT-display (Analog resistive (GFG)), 800 x 480 pixel(s) (WVGA), 262144 colors, Intel® Atom® E680T 1.6 GHz, 4x USB Host 2.0, 1x COM (RS-232), 1x COM (RS-232/485), 2x Ethernet (10/100/1000 Mbps), RJ45, Windows® CE 6.0 and user software: Open platform. (bus system: DualCAN)

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 107646
GTIN	4055626107646

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 189 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	200 mm x 155 mm x 95 mm

Display

Display type	17.8 cm/7" TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Touch technology	Analog resistive (GFG)
Brightness	350 cd/m², typical (adjustable)
Backlighting	LED
Display backlight MTBF	40000 h
Colors	262144 colors
Reading angle left	70 °
Reading angle right	70 °
Reading angle top	65 °
Reading angle bottom	65 °

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Technical data

Computer data

Processor	Intel® Atom® E680T 1.6 GHz
Operating system	Windows® CE 6.0
User software	Open platform
RAM	2 GB DDR2 SDRAM
Mass storage	SATA DOM SSD (SLC), 8 GB
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Interfaces	4x USB Host 2.0
	1x COM (RS-232)
	1x COM (RS-232/485)
Bus system	DualCAN
Slots	1x SD
Realtime clock	Yes
Service life of battery	5 years (typical)

General

Extras	Maritime with keys
Material front plate	Aluminum (black anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Bolt fixing
Weight	1100 g

Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	20 % ... 85 %
Vibration (operation)	0.7g, according to EN 60068-2-6
Shock	15g, according to IEC 60068-2-27

Device supply

Typical current consumption	0.7 A
Power supply unit	24 V DC ±20 %

Standards and Regulations

Shock	15g, according to IEC 60068-2-27
Vibration (operation)	0.7g, 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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Classifications

eCl@ss

eCl@ss 5.1	27330200
eCl@ss 6.0	27242300
eCl@ss 7.0	27242302
eCl@ss 8.0	27242302
eCl@ss 9.0	27330201

ETIM

ETIM 4.0	EC001412
ETIM 5.0	EC001412
ETIM 6.0	EC001412

UNSPSC

UNSPSC 13.2	43211904
UNSPSC 19.0	43211904

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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