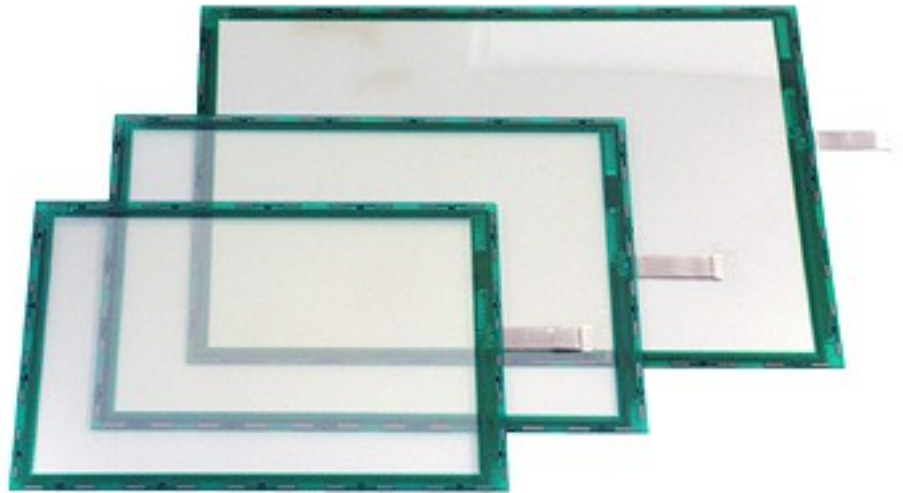


4 Wire Touch Panel Series

High Quality, "Low-cost" Input
Components especially for OEMs



Description

4 wire touch panels for portable PCs

This series of resistive touch panels combines low power consumption and long operating life with improved optical materials.

This 4 wire touch panels offer OEMs a cost effective input component for a variety of portable and fixed applications.

This touch panels are ideal for p.e. industrial and process controls, portable and handheld PCs. For kiosk-systems, POS terminals, ATMs, medical equipment and internet terminals they also are in use.

The maximal power consumption is 20 mA (typical are 15 mA) in 5 V operating mode.

In the sleep mode the power consumption is max. 2 μ A, which is a big for handhelds or othe portable applications.

Extra long operating life when using pen/finger and finger input models

The surface of the PET foile is protected of chemicals by a acryl coating of 5 μ m. When using a the pen input model there are 1 Million operating contacts per ca. 0,5cm² possible.

The panels have an operating temperature range between 0°C and 50°C.

Brilliant picture quality ad very good tactile properties

Transmissive measurements and clarity for these panels are rated near 80% transparency with 5% haze. Clarity is further enhanced with Anti-Newton ring technology and surface hardness is rated at 2H (min.) with 1.5 % (max.) linearity, and with a 10 bit Controller option resolution is specified at 0.1mm (0.004 inch)

This Panels are available in 4 different sizes.

The 4wire FPC cables (1mm pitch) have a standard lenght of 46 mm

The 4 wire touch panels are available in two different sizes for pen/finger and finger input :

- 5,7" (14,5 diagonal) for pen/finger input
- 10,4" (26,4 diagonal) for pen/finger input

legend for article description:

GOP-X-YYY-ZZZ

has the following meaning:

GOP:= touchpanel

X:= positioner-technology:= {7:= 7-wire-technic/ 4:= 4-wire technic}

YYY:= diagonal in mm.= {210 / 264 / 307 / 381}

ZZZ:= cable length in mm:= {046 / 100}

BB:= input := {SF:=pen+Finger / OF:= only finger}

Working with Touchpanel

Since Touch panel is consist of Glass, please be careful your hand and other part from injury at handling.

Do not put a heavy shock or stress on Touch panel.

Do not lift Touch panel by cable.

Cleaning of Touchpanel

Please use dry cloth or soft cloth with neutral detergent (after wring dry) or one with Ethanol at cleaning.

Do not use any organic solvent acid or alkali solution.

Specification

Mechanical data

Dimensions: 132,5 ±0,5 or 228,2 ±0,5 x 104,7 ±0,5 or x 175,4 ±0,5 x max. 1,4 ±0,2 mm

Weight: 0,040 kg or 0,140 kg

Degree of Protection: IP65

Color: green

Cable Length: 4,6 cm

Electric Data

Interface: analog

Environment


Operating Temperature: from 0 °C to +50 °C

Storage Temperature: from -20 °C to +70 °C



Humidity: 20 - 85 %HR non condensing

Order No.	Article	
TS1075	GOP-4-100-046-SF	3,8" / Pen+Finger/cable 46 mm
TS1058	GOP-4-145-046-SF	5,7" / Pen+Finger/cable 46 mm
TS1059	GOP-4-264-046-SF	10,4" / Pen+Finger/cable 46 mm
TS1077	GOP-4-264-T801-SF 12.1"zoll	10,4" / Pen+Finger/cable 46 mm

Accessories

Order No.	Article	
ZK1295	GKA-441 Anschlußkabel Touchpanel Kontroller	
CS1108	GOC-4-BOARD-nPnP 	4 Wire Touch Panel Controller
TX1002	GOP-Stylus	Pen for Touch Panel

Links

Click!	Titel
	N16B-0558-B201 Controllerboard for 7wire touchpanels
	4 Wire Touch Panel Controller Chip High Quality, "Low-cost" Input Components especially for OEMs
	7 Wire Touch Panel Series High Quality, "Low-cost" Input Components especially for OEMs

sales@www.tastaturen.com Anrufen: (0 89) 89 43 99-0 Faxen: (0 89) 89 43 99-11