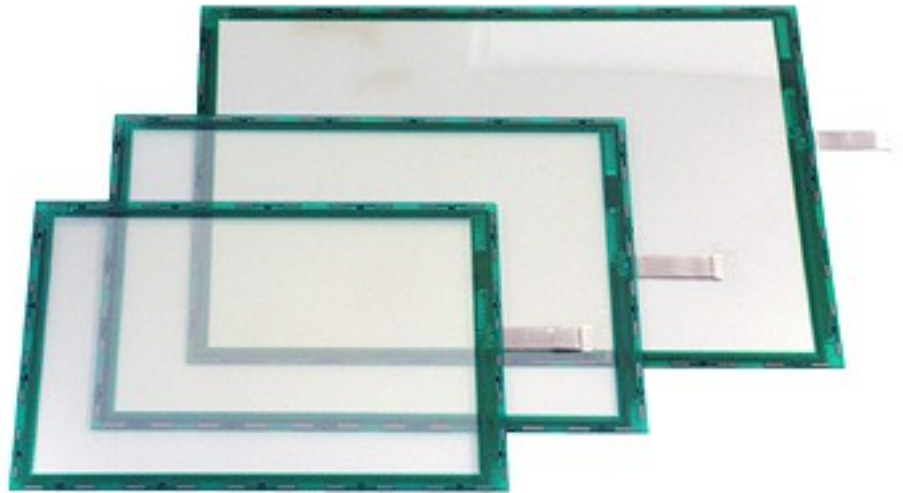


## GOP-7 Wire Touch Panel Series

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



### Description

#### 7-Wire Touch Panel for mobile Applications

Very complex processes and complicated software based machines need an increasing amount of intuitive input devices. GeBE Computer & Peripherie GmbH now offers the new resistive Touchpanel series from Fujitsu. This series features a proprietary input detection technology (7 wire technology) that uses a single resistive layer detection method to enhance its writing life to 10 million touches. The panels offer a cost-effective input component for a variety of portable and fixed applications.

The panels offer OEMs a cost-effective input component for a variety of portable and fixed applications.

For example kiosks, industrial and process controls, portable and handheld PCs, POS terminals, ATMs, medical equipment and internet appliances.

The maximum power consumption is 20 mA (15mA typical) in 5V operating mode. The panels are available as pen/finger and finger input models. The clarity is enhanced with Anti-Newton ring technology and surface hardness is rated at 2 H (min.) with 1.5% (max.) linearity, and with a 10 bit controller option resolution that is specified at 0.1mm (0.004-inch).

#### High life span for finger- as well as stylus-/finger input

The series features a proprietary input detection technologie (7 wire technology) that uses a single resistive layer detection method to enhance its writing life to 10 million touches. Since this is a very robust input device which is resistant against most contaminants such as chemicals, dust, liquids, insects or scratches they can be used for most applications such as medical, chemical and laboratory environments. Because of the low weight and low power consumption of 20mA max. The panels are suited for various portable applications.

It has an operating temperature range of -5 to 60°C.

Panels are available in pen/finger and finger input models.

#### Brilliant Picture Quality

Transmissive measurements and clarity for these panels are rated at 80% (typical) transparency with 5% (typical) haze.

#### Different Sizes available

7 wire FPC cabel ( 2mm pitch) 46 mm standard. 7 wire FPC cabel ( 2mm pitch) 100 mm option.

Panels are available in 5 different sizes:

- 8.4" (21 cm) for stylus-/finger input only
- 10.4" (26,4 cm) for finger- as well as stylus-/finger input
- 12.1" (30,7 cm) for finger- as well as stylus-/finger input
- 15" (38,1 cm) for finger- as well as stylus-/finger input
- 17" (46,0 cm) for finger- as well as stylus-/finger input

### 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:	203,6 ±0,5, 243,8 ±0,5, 278,4 ±0,5, 336,9 ±0,5 x 158,6 ±0,5, x 187,4 ±0,5, x 213,4 ±0,5, x 257,2 ±0,5 x max. 2,6, x max. 2,6, x max. 2,6, x max. 2,6 mm
Weight:	0,100 kg, 0,140 kg, 0,180 kg, 0,260 kg
Degree of Protection:	<a href="#">IP65</a>
Color:	green
Cable Length:	4,6 cm

### Electric Data

Interface:	analog
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### Temperature

Operating Temperature:	from -5 °C to +60 °C
Storage Temperature:	from -30 °C to +70 °C
Humidity:	20 - 90 %HR non condensing


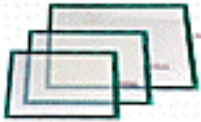
Order No.	Article	
TS1055	GOP-7-264-046-SF	10,4"/Pen+Finger/cable 46 mm
TS1056	GOP-7-307(12.1")-046-SF	12,1"/Pen+Finger/cable 46 mm
TS1057	GOP-7-381(15")-046-SF 1,1mm	15"/Pen+Finger/cable 46 mm, Glas 1,1mm
TS1073	GOP-7-381(15")-046-SF 1,8mm	15"/Pen+Finger/cable 46 mm, Glas 1,8mm
TS1074	GOP-7-381(17")-046-SF 1,8mm	17"/Finger/cable 46 mm, Glas 1,8mm

### Accessories

Order No.	Article	
ZK1295	GKA-441Anschlußkabel Touchpanel Kontroller	

CS1104	GOC-7-BOARD-nPnP-Neu	7 Wire Touch Panel Controller
		
TX1002	GOP-Stylus	Pen for Touch Panel

## Links

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

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