

SIMATIC TP177 Micro Product Release

The new TP177 Micro is now available for sale and delivery! The TP177 Micro is a price-optimised touch panel tailored exclusively for the S7-200 PLC family and is the successor product for the TP070.



Overview

- New low end graphical touch panel
- Can be mounted and configured in landscape or portrait modes
- Onboard interface for PPI/MPI networking to S7-200 controllers
- Configurable with WinCC flexible Micro 2004 SP1 or higher

Features

The TP177 Micro offers new graphical, functional, mounting and communication possibilities. An overview of some of the highlights :

- 5.7" graphical touch display, 4 blue levels
- Completely smooth front
- Can be mounted and graphic configured for either portrait or landscape modes
- The TP177 Micro can be connected to S7-200 controllers via its integrated interface
 - Support for PPI and MPI network integration
- Compact space saving design (same dimensions as TP070 and TP170)
- Vector graphics for improved screen designs
- 5 online languages, including Cyrillic and Asian
- New functions within the scope of the WinCC flexible configuration software
 - WinCC Flexible 2004 SP1 or higher is required
 - WinCC Flexible Micro, Compact, Standard and Advanced can be used
 - WinCC Flexible 2004 Micro users can update to SP1 free of charge via internet download at: Service Pack 1 for WinCC Flexible 2004
 - WinCC Flexible 2004 SP1 Compact, Standard and Advanced users need a free of charge Hardware Service Pack to configure the TP177 Micro. This can be downloaded from: <http://www.siemens.com/wincc-flexible-hsp>
 - TP070 projects created in TP Designer cannot be transferred .

TP170 projects can be simply reused in WinCC Flexible (by means of device switch)

Technical Details

Display	5.7 " STN
Resolution (Pixels)	320 x 240 (240 x 320 Portrait)
Colours	4 blue levels
MTBF of Backlight at 25 °C	50,000 hrs
Control Elements	Touch screen
Alpha/numerical input	Yes/Yes
Memory	Flash/RAM
Usable memory for application data	256kB
Interfaces, integrated	RS 485 (9-pin)
PLC Connection	SIMATIC S7- 200
Power Supply	DC 24 (20.4 V to 28.8 V)
Power Consumption at 24 V	max. 0.1 A
Degree of Protection	IP65 (Front), IP20 (Back)
	NEMA4, NEMA12
Certifications	CE, C-Tick, Ex Zone 2/22
	CSA, cULus, FM (in preparation)
Dimensions [mm]	
Faceplate W x H	212 x 156
Mounting Cutout W x H	198 x 142
Weight	approx. 0.7 kg
Environmental Conditions	
Temperature	
Operation (vertical Installation)	0 to +50 °C
Operation (angled Installation up to 35 °)	0 to +40 °C
Transport/Storage	-20 to +60 °C
Humidity	max. 90 %; no Condensation

Ordering Data

Description	Part Number
TP177 Micro Operator Panel	6AV6 640-0CA11-0AX0
Accessories	
WinCC Flexible 2004 Micro	6AV6 610-0AA01-0AA0
Configuration cable (PPI/RS232)	6ES7 901-3CB30-0XA0
OP73 Micro, TP177 Micro Device Manual	6AV6 691-1DF01-0AB0
HMI panel documentation CD	6AV6 691-1SA01-0AX0
Protective screen foils (10 pack)	6AV6 671-2XC00-0AX0
TP177 Micro Service Pack	6AV6 671-2XA00-0AX0
(mounting seal, clamps, power connector)	
Starter Kit	
TP177 Micro starter kit	6AV6 650-0DA01-0AA0
Includes: TP177 Micro, WinCC Flexible Micro, documentation CD, MPI Cable (PLC to panel)	

Further information

For more information on the TP177 Micro and other SIMATIC HMI panels, please visit:

- www.siemens.com/panels
- or contact
- iac.sales.au@siemens.com.