



SIMATIC MP 177 6" TOUCH MULTI PANEL W. RETENTIVE MEMORY 5.7" TFT DISPLAY 2 MB CONFIGURING MEMORY, CONFIGURABLE WITH WINCC FLEXIBLE 2008 COMPACT OR HIGHER \*\*\*\*\* FOR THIS PRODUCT A DELIVERY STOP WILL BE DECLARED FROM OCTOBER 1ST, 2014. INFORMATION ABOUT SUCCESSOR SEE SIMATIC UPDATE ID: 62977695 FOR FURTHER QUESTIONS PLEASE APPROACH YOUR SIEMENS CONTACT PERSON.

General information	
customer-specific configuration	Ja
Display	
Screen diagonal	5,7 in
Size	5,7 Zoll
Display type	TFT, 65536 Farben
Color type	Farben
Resolution (pixels)	
Horizontale beeldresolutie	320
Verticale beeldresolutie	240
Resolution (WxH in pixel)	320 x 240
Control elements	
Control elements	Touchscreen
Operating options	Touch
Connection for mouse/keyboard/barcode reader	USB / USB / USB
Keyboard fonts	
Numeric/alphabetical input	
hexadecimal keyboard	Ja
Touch operation	

<b>Touch screen</b>	analog, resistiv
<b>Uitvoering van het displays / aanraakbeeldscherm</b>	Ja
<b>Touch screen (analog/resistive)</b>	Ja
<b>Supply voltage</b>	
<b>Type spanning / van de voedingsspanning</b>	DC
<b>Memory</b>	
<b>Type</b>	Flash / RAM
<b>usable memory for user data</b>	2 MByte Nutzbarer Speicher für Anwenderdaten
<b>Main memory</b>	
<b>Capacity of main memory, maximum</b>	128 Mbyte
<b>Time of day</b>	
<b>Clock</b>	
<b>Type</b>	Hardwareuhr, gepuffert, synchronisierbar
<b>Hardware clock (real-time clock)</b>	Ja
<b>battery-backed</b>	Ja
<b>synchronizable</b>	Ja
<b>Interfaces</b>	
<b>Interfaces</b>	1 x RS422, 1 x RS485, 1 x Ethernet (RJ45) (max. 12 MBit/s)
<b>Aantal interfaces / conform RS 485</b>	1
<b>Overdrachtsnelheid / maximaal</b>	12 Mbit/s
<b>USB port</b>	1 x USB
<b>Special interfaces</b>	Nein
<b>Industrial Ethernet</b>	
<b>Industrial Ethernet interface</b>	1 x Ethernet (RJ45)
<b>Industrial Ethernet status LED</b>	2
<b>Protocols</b>	
<b>Protocol / wordt ondersteund / PROFIBUS-protocol</b>	Ja
<b>MPI</b>	Ja
<b>Protocols (Ethernet)</b>	
<b>Protocol / wordt ondersteund / TCP/IP</b>	Ja
<b>Protocols (terminal link)</b>	
<b>Sm@rtServer</b>	Ja
<b>EMC</b>	
<b>Emission of radio interference acc. to EN 55 011</b>	
<b>Emission of radio interference acc. to EN 55 011 (limit class A)</b>	Ja
<b>Degree and class of protection</b>	
<b>Front</b>	IP65, NEMA 4, NEMA 4x, NEMA 12 (im eingebauten Zustand)

<b>NEMA</b>	NEMA 4, NEMA 4x, NEMA 12
<b>Rear</b>	IP20
<b>Beschermingsklasse IP</b>	IP20
<b>Standards, approvals, certificates</b>	
<b>cULus</b>	Ja
<b>Geschiktheid voor het gebruik / op veiligheid gerichte functie</b>	Nee
<b>Marine approval</b>	
<b>Germanischer Lloyd (GL)</b>	Ja
<b>American Bureau of Shipping (ABS)</b>	Nee
<b>Bureau Veritas (BV)</b>	Nee
<b>Det Norske Veritas (DNV)</b>	Nee
<b>Lloyds Register of Shipping (LRS)</b>	Nee
<b>Nippon Kaiji Kyokai (Class NK)</b>	Nee
<b>Polski Rejestr Statkow (PRS)</b>	Nee
<b>Use in hazardous areas</b>	
<b>EX zone 2</b>	Nee
<b>EX zone 22</b>	Nee
<b>FM Class I Division 2</b>	Ja
<b>Ambient conditions</b>	
<b>Inbouwpositie</b>	verticaal
<b>Operating temperature</b>	
<b>Operation</b>	0 °C bis +50 °C
<b>Storage/transport temperature</b>	
<b>Transport, storage</b>	-20 °C bis +70 °C
<b>Relative humidity</b>	
<b>Relatieve luchtvochtigheid / tijdens de werking / maximaal</b>	90 %
<b>Operating systems</b>	
<b>Bedrijfssysteem</b>	Windows CE (Version 5)
<b>Configuration</b>	
<b>Message indicator</b>	Ja
<b>With alarm logging system (incl. buffer and acknowledgment)</b>	Ja
<b>Process value display (output)</b>	Ja
<b>Process value default (input) possible</b>	Ja
<b>Recipe administration</b>	Ja
<b>Configuration software</b>	
<b>STEP 7 Basic (TIA Portal)</b>	Nee
<b>STEP 7 Professional (TIA Portal)</b>	Nee
<b>WinCC flexible Compact</b>	Ja

WinCC flexible Standard	Ja
WinCC flexible Advanced	Ja
WinCC Basic (TIA Portal)	Nee
WinCC Comfort (TIA Portal)	Ja
WinCC Advanced (TIA Portal)	Ja
WinCC Professional (TIA Portal)	Ja
<b>2. Configuration kit</b>	WinCC flexible Compact
<b>Configuration tool</b>	WinCC flexible
<b>Type</b>	Compact
<b>Languages</b>	
<b>Online languages</b>	
Number of online/runtime languages	5
<b>Project languages</b>	
Languages per project	32
<b>Functionality under WinCC (TIA Portal)</b>	
Libraries	Ja
Task planner	Ja
Help system	Ja
Number of characters per info text	70
<b>Message system</b>	
Number of alarm classes	32
Number of messages	2000
Bit messages	Ja
Analog messages	Ja
Number of bit messages	2000
Number of analog messages	2000
Telegram message procedure Alarm S	Ja
System messages HMI	Ja
System messages PLC	Ja
System messages, other (SIMATIC S7, Sinumerik, Simotion, etc.)	Ja
Message length (in characters)	80
Lines	1
Number of process values per message	8
Message indicator	Ja
First/last value	Ja
<b>Recipe administration</b>	
Number of recipes	100
Data records per recipe	200

Entries per data record	200
<b>Variables</b>	
Number of variables per device	1000
Number of variables per screen	50
Number of variables	1000
Limit values	Ja
Multiplexing	Ja
Structures	Nee
Type Date & Time	1000
<b>Images</b>	
Number of configurable images	500
Permanent window/default	Ja
Start screen configurable	Ja
Image selection by PLC	Ja
Image number in the PLC	Ja
<b>Image objects</b>	
Text objects	2500 Textelemente
I/O fields per image	50
Date/time fields	30
Return	Ja
Graphics object	Bitmaps, Ikons, Vektorgrafik
Icons	500
<b>Complex image objects</b>	
Status/control	bei SIMATIC S7
dynamic objects	Diagramme, Balken, Schieber, Analoganzeige, unsichtbare Schaltflächen
Number of objects per project	500
Number of curve diagrams per image	5
Methods	Trend / Profil
Limit value lines	Ja
Number of bars per chart	5
Limit value lines	Ja
alphanumeric fields	1000
alphanumeric fields per image	50
numerical fields	1000
numerical fields per image	50
Password fields	1000
Number of slides per image	5
Number of analog indicators per image	5

<b>Number of visible switches per project</b>	1000
visible switches per image	100
hidden switches per image	100
<b>Number of status switches per project</b>	1000
Button status switches per image	100
<b>Number of selector switches per project</b>	200
Selector switches per image	100
<b>Number of signal lamps per project</b>	1000
Signal lamps per image	100
<b>Attributes for dynamic objects</b>	
Color change	Ja
X/Y movement	Ja
Hide	Ja
Angle of rotation	Nee
<b>Lists</b>	
Number of text lists per project	300
Number of text lists per image	10
Number of entries per text list	30
Number of graphics lists per project	100
Number of graphic lists per image	10
Number of entries per graphics list	30
<b>Security</b>	
Number of user groups	50
Number of user rights	32
Password export/import	Ja
<b>Logging through printer</b>	
Recording/Printing	Meldungen, Report (Schichtprotokoll), Farbdruck, Hardcopy
<b>Transfer (upload/download)</b>	
Transfer of configuration	MPI/PROFIBUS DP, seriell, USB, Ethernet, automatische Transfererkennung
<b>Process coupling</b>	
Connection to controller	S5, S7-200, S7- 300/400, TI 505, Win AC, SINUMERIK, SIMOTION, Allen Bradley (DF1), Allen Bradley (DF485), Mitsubishi (FX), OMRON (LINK/Multilink), Modicon (Modbus), weitere Fremdtreiber siehe Kapitel "Systemkopplungen"
S7-1200	Ja
S7-1500	Ja
S7-200	Ja
PPI (point-to-point)	Ja
PPI network	Ja

<b>MPI</b>	Ja
<b>PROFIBUS DP</b>	Ja
<b>Ethernet</b>	Ja
<b>S7-300/400</b>	Ja
<b>MPI</b>	Ja
<b>PROFIBUS DP</b>	Ja
<b>PROFINET</b>	Ja
<b>S5</b>	Ja
<b>PROFIBUS DP</b>	Ja
<b>TI 505</b>	Ja
<b>Allen Bradley (DF1)</b>	Ja
<b>Allen Bradley (DF485)</b>	Ja
<b>Mitsubishi (FX)</b>	Ja
<b>Mitsubishi (MP4)</b>	Ja
<b>Telemecanique (Uni-Telway)</b>	Ja
<b>OMRON (LINK/Multilink)</b>	Ja
<b>Modicon (Modbus)</b>	Ja
<b>GE-Fanuc (SNP)</b>	Ja
<b>Functions</b>	
<b>TAB sequence</b>	Ja
<b>Calculating functions</b>	Ja
<b>Animate</b>	Ja
<b>Service tools/configuration aids</b>	
<b>Clean screen</b>	Ja
<b>Touch calibration</b>	Ja
<b>Backup/Restore manually</b>	Ja
<b>Simulation</b>	Ja
<b>Device switchover</b>	Ja
<b>Peripherals/Options</b>	
<b>Peripherals</b>	Drucker, Barcodeleser
<b>Multimedia Card</b>	Ja
<b>SD card</b>	Ja
<b>USB memory</b>	Ja
<b>Additional software components loadable</b>	Ja
<b>Dimensions</b>	
<b>Front of enclosure (W x H)</b>	212 mm x 156 mm
<b>Weights</b>	
<b>Nettogewicht</b>	0,85 kg
<b>Other</b>	

<b>free hotline</b>	Ja
<b>Warranty period</b>	1 a
Status	30-jul-2014