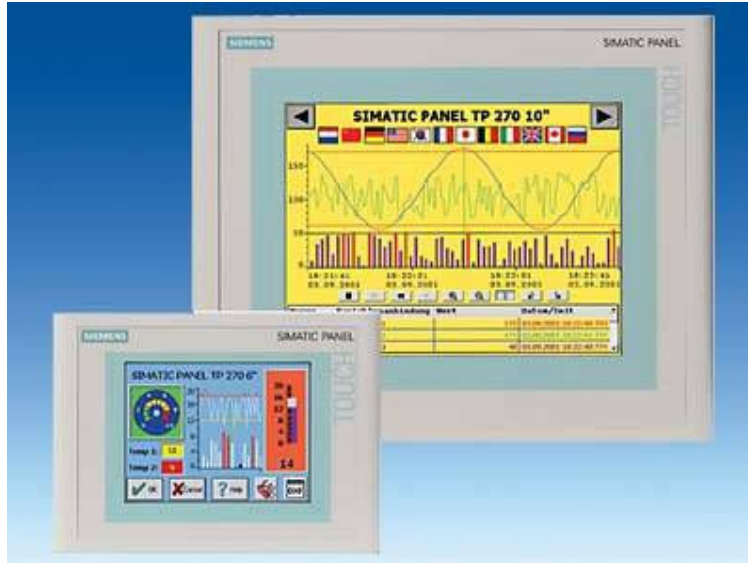


Human Machine Interface (HMI) - SIMATIC TP 270



Overview

- Touch panel with extensive functional scope for demanding machine visualization applications
- 5.7" pixel graphics or 10.4" STN Touch Screen (analog/resistive), color (256 colors)
- All interfaces on board, e.g. MPI, PROFIBUS DP, USB; Ethernet optional
- The SIMATIC TP 270 Touch Panels are innovative successors to the SIMATIC TP27 Touch Panels

Benefits

- Integral component of Totally Integrated Automation (TIA):
Increases productivity, minimizes the engineering outlay, reduces the lifecycle costs
- Modular expansion possible with options such as:
 - WinCC flexible /Sm@rtAccess for communication between various SIMATIC HMI systems
 - WinCC flexible /Sm@rtService for remote maintenance and servicing of machines/plants via the Internet/intranet
- Reduces the service and start-up costs due to:
 - Backup/restore via USB, MPI, PROFIBUS DP, RS 232 (serial) and optionally via Ethernet (TCP/IP) or compact flash card (CF card)
 - Remote downloading/uploading of the configuration and firmware

- Specific drivers can be downloaded
- Long service life of the backlighting
- Graphics library is available complete with ready-to-use display objects
- Can be used worldwide:
 - 32 languages can be configured (including Asiatic and Cyrillic character sets)
 - Up to 5 languages are selectable online
- Standard hardware and software interfaces to increase flexibility:
 - CF card, used for recipe data sets and for backing up the configuration and system data
 - Integrated USB interface for "Hot plug-in/out" of I/O devices (printer, keyboard, mouse, barcode reader)
 - Standard Windows storage format (CSV) for archives and recipes for further processing using standard tools (e.g. MS Excel)
 - Optional Ethernet (TCP/IP) for centralized data management and project management; connection of PLC to SIMATIC S7 when configuring with WinCC flexible