

170 series - SIMATIC OP 177B



Overview

- Touch/Key Panel with comprehensive functions for operator control and monitoring of machines and plants
- Content of message buffer is retained even when panel is disconnected, without batteries
- Pixel-graphics STN blue-mode/color display with analog touch screen and additional 32 function keys
- Interfaces for communication with Siemens SIMATIC S7 (e.g., MPI, PROFIBUS DP) are on-board
- Ethernet is already on-board in the color version
- Drivers are also available for non-Siemens PLCs
- Installation compatible with OP17

Benefits

- Reduction of service and commissioning costs through:
 - Backup/restoration via a process interface or optionally via a Multi Media Card
 - Remote downloading of the configuration with automatic transfer recognition via all device interfaces
 - Maintenance-free design (no battery) and long service life of the backlighting
 - System keys that can be assigned to any function keys and used as an alternative to or in parallel with the on-screen keyboard

- Maintenance-free message buffer
- Can be used all over the world:
 - 32 languages can be configured (incl. Asian and Cyrillic character sets)
 - Online language can be selected directly on the device
- Language-dependent texts and graphics
- Graphics library available with off-the-shelf picture objects
- Standard interfaces for increasing the flexibility:
 - External MMC, used for recipe data records and for backup of configuration/system data
- Integrated USB interface for connecting, for example, standard printers
- Simple engineering supported by comprehensive documentation on the SIMATIC HMI Manual Collection DVD
- Integral component of Totally Integrated Automation (TIA):
Increases productivity, minimizes engineering outlay, reduces lifecycle costs