

Overview



SIMATIC HMI Comfort PRO: The new Comfort Panel PRO with all-round IP65 protection – powerful, maintenance-free, and can be installed directly at the machine

SIMATIC HMI Comfort Panels PRO with 12", 15", 19" and 22" widescreen format expand the Comfort Panel portfolio to include devices with glass fronts.

The rugged aluminum housing enables it to be used directly at the machine and guarantees durability, even in harsh and extreme operating environments.

Highlights:

- All-round IP65 protection
- Comfort Panel functionality and performance
- Rugged, industrial 12", 15", 19" and 22" widescreen displays
- Slim, modern design
- Can be adapted to support arm system of various manufacturers
- Integration of operator controls with Extension Units
- High degree of investment security
- Fast integration capability

12", 15", 19" and 22" SIMATIC HMI Comfort Panels PRO are available in three different versions, depending on the application:

- Prepared for support arm and extension components (mounting by means of standard 48 mm round tube or Siemens flange adapter)
- Prepared for support arm without extension components (mounting by means of basic adapter and flange on top, included in scope of supply)
- Prepared for pedestal/extension components (mounting by means of basic adapter and flange below, included in scope of supply)

For more information, please go to:

<http://siemens.com/simatic-hmi-pro>

System components for fully enclosed IP65 devices

System components for PRO devices are only suitable for SIMATIC HMI/IPC PRO devices.

In combination with the SIMATIC HMI PRO basic devices, these components enable easy adaptation to individual customer requirements for operator control and monitoring at the machine level, as well as offering a versatile and attractive solution for visualization and automation without a control cabinet.

The following system components are available:

- Fasteners
 - Adapter sets
 - Basic adapter
 - Flange mount
- Extension Units 12" - 22" with operator controls
- Extension components
 - Stainless steel keyboard
 - Tool and keyboard tray

For more detailed information about system components refer to "PC-based Automation" -> "Devices for special requirements" -> "System components".

Technical specifications

Article number	6AV2124-0MC24-0AX0 SIMATIC HMI TP1200 Comfort Pro	6AV2124-0MC24-1AX0 SIMATIC HMI TP1200 Comfort Pro	6AV2124-0MC24-0BX0 SIMATIC HMI TP1200 Comfort Pro
General information			
Product type designation	SIMATIC HMI TP1200 Comfort PRO	SIMATIC HMI TP1200 Comfort PRO	SIMATIC HMI TP1200 Comfort PRO
Display			
Design of display	TFT	TFT	TFT
Screen diagonal	12.1 in	12.1 in	12.1 in
Number of colors	16 777 216	16 777 216	16 777 216
Resolution (pixels)			
• Horizontal image resolution	1 280 Pixel	1 280 Pixel	1 280 Pixel
• Vertical image resolution	800 Pixel	800 Pixel	800 Pixel
Backlighting			
• MTBF backlighting (at 25 °C)	80 000 h	80 000 h	80 000 h
• Backlight dimmable	Yes; LED, dimmable	Yes; LED, dimmable	Yes; LED, dimmable
Touch operation			
• Design as touch screen	Yes; Projective-capacitive	Yes; Projective-capacitive	Yes; Projective-capacitive

SIMATIC HMI TP Comfort Panels INOX and INOX PCT

Ordering data	Article No.	More information
SIMATIC HMI TP Comfort Panel INOX <i>With analog-resistive touch and front membrane</i> SIMATIC HMI TP700 Comfort Panel INOX With accessory pack consisting of: clamping frame, device seal, mounting clamps, connection terminal, as well as installation instructions.	6AV2144-8GC10-0AA0	<u>Customer-specific modifications</u> • Customized design (logo, type designation and background color) • Protection against condensation and corrosive gases <u>Quotation preparation</u> • Customized automation specialists define the product modifications precisely in accordance with customer requirements. The quotation is then prepared with - Non-recurring costs - Prototype costs - Serial device prices and - the general conditions in the form of a product agreement (e.g. minimum quantity). • The defined device can then be ordered easily using this product agreement and a customized order number. More information is available on the Internet at: http://www.siemens.com/comfort-panels-inox
SIMATIC HMI TP900 Comfort Panel INOX With accessory pack consisting of: clamping frame, device seal, mounting clamps, connection terminal, as well as installation instructions.	6AV2144-8JC10-0AA0	
SIMATIC HMI TP1200 Comfort Panel INOX With accessory pack consisting of: clamping frame, device seal, mounting clamps, connection terminal, as well as installation instructions.	6AV2144-8MC10-0AA0	
SIMATIC HMI TP1500 Comfort Panel INOX With accessory pack consisting of: clamping frame, device seal, mounting clamps, connection terminal, as well as installation instructions.	6AV2144-8QC10-0AA0	
SIMATIC HMI TP1900 Comfort Panel INOX With accessory pack comprising: clamping frame, device seal, mounting clamps, connection terminal, as well as installation instructions.	6AV2144-8UC10-0AA0	
SIMATIC HMI TP Comfort Panel INOX PCT <i>With projective-capacitive touch and front glass</i> SIMATIC HMI TP900 Comfort Panel INOX PCT With accessory pack consisting of: clamping frame, device seal, mounting clamps, connection terminal, as well as installation instructions.	6AV2144-8JC20-0AA0	
SIMATIC HMI TP1200 Comfort Panel INOX PCT With accessory pack consisting of: clamping frame, device seal, mounting clamps, connection terminal, as well as installation instructions.	6AV2144-8MC20-0AA0	
Accessories	See chapter 6	

The device seals can be replaced using the corresponding service packages from the accessories.