

HMI Slim Line

Touch screen panel


 SÜTRON


HMI hardware





- Brushed aluminum front panel
- Portrait and landscape applications possible
- Display diagonal sizes 8,89 cm (3.5"), 14,48 cm (5.7"), 26,42 cm (10.4") and 38,35 cm (15.1")
- Individual operating concepts through the ability to display keypads or a soft keypad statically or dynamically
- TSwin .net and Windows CE inside

Technical Data	General
Touch screen	Analog resistive
Processor	RISC ARM9 CPU, 200 MHz, real-time clock
Operating system	Windows CE 5.0
Memory	16 MB Flash (including 3 MB application memory); 32 MB SDRAM; 512 KB SRAM (battery-backed)
Interfaces	10/100 MBit Ethernet; 2 x USB Host 2.0 Full Speed; Options: CAN, DeviceNet, INTERBUS, MPI, PROFIBUS DP, RS232/RS485
Connection system	RJ45 female connector, USB female connector (type A), Phoenix COMBICON connector strips, D-SUB male and female connector strips
Supply voltage	24 V DC (SELV in accordance with DIN EN 61131) Minimum/maximum voltage: 18 V - 30 V DC
Degrees of protection	Front: IP65 Rear: IP20
Temperature range	Operation: 0 °C to 50 °C; Storage: -25 °C to 70 °C
Relative air humidity for operation and storage	20% to 85% no dew condensation (non-condensing)
Front panel	Aluminium, natural anodized finish
Housing	Zinc-coated sheet steel
Certification	CE, UL, cUL
Applications	In numerous industrial sectors, such as: The automotive and automotive supply industry, plant construction and mechanical engineering, food and luxury food industry, etc.
External keyboard / mouse / barcode reader	* / * / *

Technical Data	TP35AM, AT	
Display	8,89 cm (3,5") TFT / LED backlight white	
Colors	32 Gray Shades / 65536	
Resolution (W x H in pixels)	320 x 340	
Front panel dimensions (W x H x D in mm)	120 x 90 x 5	
Mounting cut-out (W x H in mm)	112 x 82	
Mounting depth (in mm)		
- with bus interface	47	
- without bus interface	35	
Current consumption	0,3 A	
Connected load	7,2 W	
Weight (in g)	430	

Technical Data	TP57AM, AT	
Display	14,48 cm (5,7") TFT / LED backlight white	
Colors	256 Gray Shades / 65536	
Resolution (W x H in pixels)	320 x 240	
Front panel dimensions (W x H x D in mm)	168 x 126 x 5	
Mounting cut-out (W x H in mm)	160 x 118	
Mounting depth (in mm)		
- with bus interface	54	
- without bus interface	42	
Current consumption	0,4 A	
Connected load	9,6 W	
Weight (in g)	700	

Technical Data	TP105AT	
Display	26,42 cm (10,4") TFT	
Colors	65536	
Resolution (W x H in pixels)	800 x 600	
Front panel dimensions (W x H x D in mm)	295 x 220 x 5	
Mounting cut-out (W x H in mm)	287 x 212	
Mounting depth (in mm)		
- with bus interface	67	
- without bus interface	55	
Current consumption	0,6 A	
Connected load	14,4 W	
Weight (in g)	1800	

Technical Data	TP151AT	
Display	38,35 cm (15,1") TFT	
Colors	256	
Resolution (W x H in pixels)	1024 x 768	
Front panel dimensions (W x H x D in mm)	400 x 329 x 5	
Mounting cut-out (W x H in mm)	373 x 302	
Mounting depth (in mm)		
- with bus interface	72	
- without bus interface	60	
Current consumption	1,0 A	
Connected load	24,0 W	
Weight (in g)	3450	

Comprehensive Suite of Functions

Visualization, data management and remote-control functions can be easily realized along with web, client/server and integrated network functions.

Convincing Usability

A diagnostic tool simplifies the retrieval of information through the use of an integrated website in the HMI. Full Unicode implementation represents a cost-effective solution for international applications and also allows the interface to be customized in a flexible manner to meet customer specifications. Another highlight is the message system featuring real-time and history message channels, recipe management or programmable print logs.

Horizontal and Vertical Mounting Positions

The ability to mount in horizontal and vertical positions enable particularly space-saving installation of the operating devices. In addition, function keys or even an entire keypad can be displayed on the screen.

Straightforward Programming

With the TSwin .net programming software, all programmed applications can be easily implemented.

Flexible Integration

A high degree of system capability allows all operator systems to be integrated in a flexible manner in demanding automation solutions.

Customized Applications

To suit the unique hard and software needs of your specific machine or installation, we can also offer to provide tailor-fit solutions.

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