

Terminals and panels
TOUCH59/MT
Display unit



6.20.01

- 19" colour TFT LCD display resolution 1280x1024
- VGA interface, analog D-Sub15
- Analog resistant touch screen
- Communication RS232
- Front-panel protection IP 65
- Rack mounting



Basic characteristic

TOUCH59/MT is a 19" display unit with touch screen and RS232 interface. TOUCH59/MT is designed for industrial control system automation and visualisation and can be connected to any processor unit with VGA analog output (resolution 1280x1024) and max refresh rate 75Hz. The display unit requires 12VDC power supply and one serial port for communication between processor unit and touch screen controller. It is essential to touch the screen with fingers, as the top layout of the screen can be damaged while using sharp or hard items.

TOUCH59/MT can be built-in variably into a device or a rack. The front side of the panel with touch screen meets the protection IP65. The panel is mounted with 10 mounting clips into a rectangular hole of specified size.

For the touch panel operation is necessary to install into the processor unit a special driver, which is supplied for operating system Windows 98 or higher. The touched point is analysed and displayed on LCD display as a cursor with synchronous press of the button (this is defined in the SW driver setting).

Technické údaje

Power supply	12V DC / 3,5A	Protection	IP 65 front side IP 20 back side
Interface RS232	Signal rate	9600 Bd	Environment
	Parity	even	
	Nr of stop bits	1	
Interface VGA	Nr of data bits	8	Atmospheric pressure
	D-Sub 15 pin		
Resolution	1280 x 1024	Relative humidity	
Framing signal frequency	max. 75 Hz	Ambient temperature	20 - 85 %
Backlight	4 x CCFL	Weight	0 - +50°C
Lamp lifetime	50 000 hours.		
Light intensity	250 cd/m ²	Dimensions W x H x D	453 x 375 x 50 mm
Contrast	800 : 1		
Observation angle	Horizontal	Operating	
	Vertical	170°	Continuous
Touch screen	Analog resistant technology	Mounting	Into a panel
Durability	1 000 000 presses at a single point		
Surface hardness	Higher than 4H		
Resistance	To drinks, oils, detergents, dissolvent etc..		

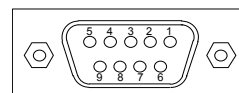
Order data

TOUCH59/MT is standardly supplied with VGA and RS232 link cables - length 1.5m. If requested, 230VAC/12VDC adapter and longer link cables can be supplied. If the processor unit does not have any free COM port, USB-RS232 converter can be extra ordered.

Order example: TOUCH59/MT
12VDC adapter
USB - RS232 converter

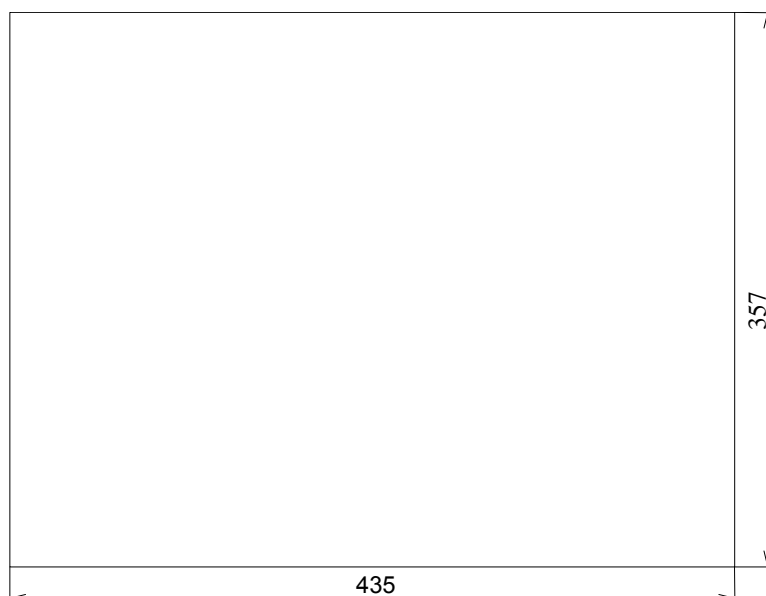
Dimensions and connectors

Connector COM

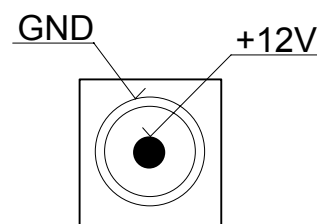


- 1 - NC
- 2 - TxD
- 3 - RxD
- 4 - NC
- 5 - GND
- 6 - NC
- 7 - NC
- 8 - NC
- 9 - NC

Mounting hole dimensions



Supply connector



pin diameter 2,5 mm
sleeve diameter 6 mm
RS232