



## Programmable touch panel MTP8/70 RD Part number 88970502



- 7" TFT-LCD compact resistive touch panels, 65536 colors, LED backlight
- Graphical resolution : 800 x 480 pixels
- Wide viewing angle : 70° horizontally and vertically
- Fan-less cooling system
- Text, data, graphic, animation display
- Processing of alarms and recipes
- 400 M Hz core logic, 64 MB RAM
- 128 MB flash memory storage + SD card slot
- Direct communication via the Millenium 3 programming port
- Programmable with user-friendly EB software (compatible with Windows 2000/XP/Vista/7)
- 2 RS232/RS485 serial ports, USB 1.1 port, USB 2.0 port, Ethernet port
- Sound output

### Part numbers

	Type	Designation	Size	Programming	Connection
88970502	RD	MTP8/50-MTP8/70 programming kit - Ethernet crossover connection (EB/helpfile CD, RJ45 crossover cable)	-	-	-

### Specifications

#### Environmental characteristics

Certifications	UL, cUL
Conformity to standards	IEC 61000-4
Operating temperature	0 → +45 °C
Storage temperature	-20 → +60 °C
Relative humidity	10 → 90 % (operation)
Protection rating	IP65 - Dust and droplets Front panel seal watertight at standard
Vibration resistance	10 - 25 Hz, 2G 30 minutes in each of the X, Y, Z axes
Shock resistance	Free fall from 1 meter in each of the X, Y, Z axes

#### Electrical characteristics

Supply voltage	24 VDC Internal insulation via transformer
Voltage limits	19,2 → 28,8 VDC
Consumption	7,2 W max.

#### Mechanical characteristics

Dimensions (l x h x w)	200 x 146 x 42.5 mm Useful screen area : 154 x 93 mm
Panel cut-out	192 x 138 mm Panel thickness 1-10 mm
Mounting	Built-in, fixing by 2 screw clamps (supplied) for 1 to 10 mm panel
Connection	Removable 3-pin screw terminal block (supplied)
Weight	AC 850 g

#### Display characteristics

Description	TFT-LCD 7" polychrome, 65536 colors LED backlight Resolution 800 x 480 pixels 400 M Hz core logic, 64 MB RAM 128 MB flash memory (programs and recipes backup) SD card memory slot Programmable with EB software Touch panel with user-definable layout Key life : 1 million operations minimum
Display details	Straight lines, free lines, squares, ovals, arcs, polygons, bitmaps, animations.gif, standard fonts
Functions	Buttons, switches, levers, LEDs, messages, data, password-secured buttons, triggers Bar charts, linear gauges, clocks, alphanumeric keyboards, graphics, recipes, alarm lists Text scrolling, multiple windows, data transfer, multiple language Archive
Connection	PC-MTP8/70 link via USB-MiniUSB cable (accessory) Millenium3-MTP8/70 link using a Modbus network via specific cable (accessory) Millenium3-MTP8/70 direct link using the Millenium programming port via the communication cable (supplied)
Real-time clock	Uses Millenium clock or built-in clock

### Accessories

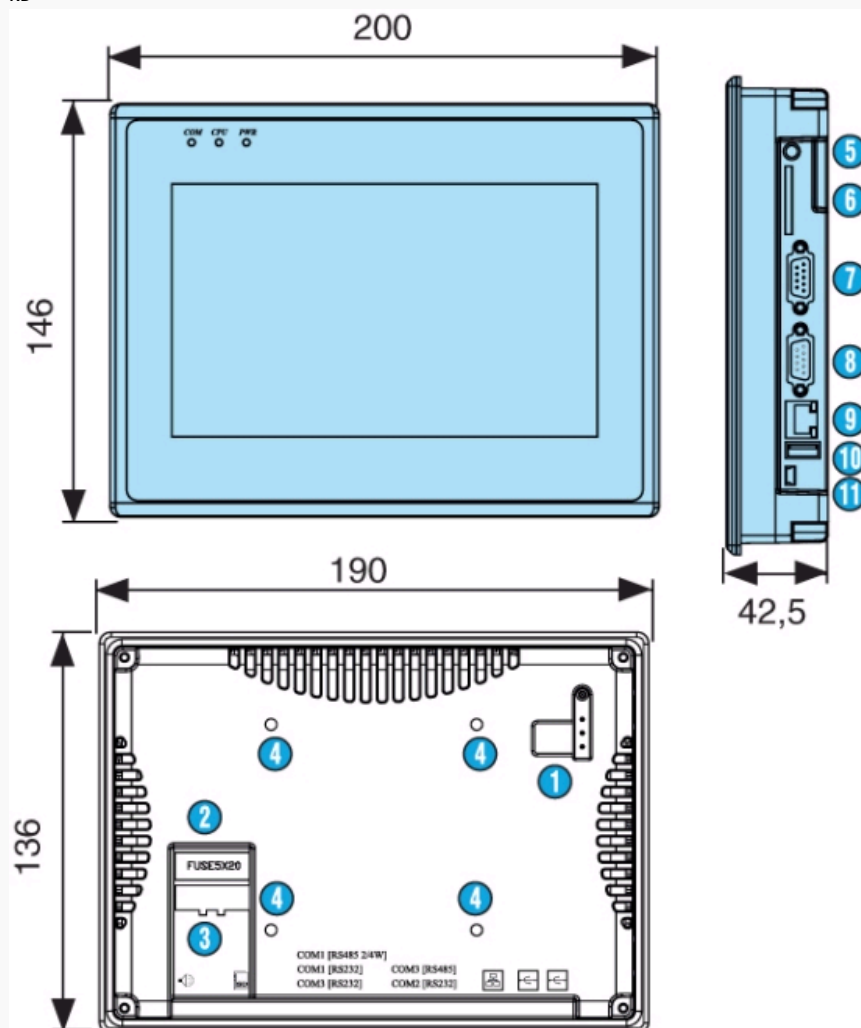
Type	Description	Code
MA	Modbus cable for MTP8/70	88970504

### Comments

For use with 24 V DC Millenium 3 units only

### Dimensions (mm)

RD



N°	Legend
1	DIP SW & Reset button
2	Fuse
3	Power connector
4	VESA 75 mm screw holes
5	Audio
6	SD card slot
7	Com1 RS485, Com3 RS485, Com3 RS232
8	Com1 RS232, Com2 RS232
9	Ethernet port (RJ-45)
10	USB Host port
11	USB client port (programming)

### Dimensions (mm)

Panel cut-out

