

Millenium 3 accessories

→ Programmable touch panel MTP8/70

- 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	Code
RD	MTP8/70 user kit (MTP8/70, fixing brackets, MTP-M3 cable)	7"	USB-MiniUSB cable or Ethernet RJ45 crossover cable	Direct connection M3-MTP 2 Modbus RS232/RS485 serial ports, USB 1.1 port, Ethernet port	88970496
RD	MTP6/50-MTP8/70 programming kit - USB-MiniUSB connection (EB /helpfile CD, USB-MiniUSB cable)	-	-	-	88970501
	MTP8/50-MTP8/70 programming kit - Ethernet crossover connection (EB/ helpfile CD, RJ45 crossover cable)	-	-	-	88970502

Accessories

Type	Description	Code
MA	Modbus cable for MTP8/70	88970504

General characteristics

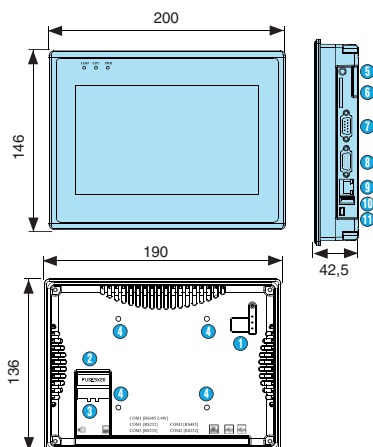
Environmental characteristics	
Certifications	UL, cUL
Conformity to standards	IEC 61000-4
Operating temperature	0 → +45 °C
Storage temperature	-20 → +60 °C
Relative humidity	10 → 90 % (operation)
Protection rating	IP65 - Dust and droplets Front panel seal watertight at standard
Vibration resistance	10 - 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 V--- Internal insulation via transformer
Voltage limits	19.2 → 28.8 V---
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	~ 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
Comments	
For use with 24 V--- Millenium 3 units only	

Dimensions (mm)

RD



- 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)

Panel cut-out

