Millenium 3 accessories

➜ Remote LCD displays/keypads

- **Direct link with Millenium 3 via cable**
- **Highlight the data and parameters information of your automation application**
- **Backlit LCD screen with 4 lines of 18 characters and keypad with 6 keys or 10 keys and 4 LEDs**
- **Direct communication with the Millenium 3 via the programming port**
- **Plug and play: no additional software (the function keys and LEDs are controlled by the M3 Soft SLIn/ SLOut function blocks)**
- **Check bit for controlling communication**
- **Universal screen compatible with any Millenium 3 logic controller (standard, budget, expandable, bare board, resin board)**

Remote LCD screen/keypad

Remote LCD screen/keypad + 4 function keys + 4 LEDs

Part numbers

Type	Designation		Code
RD1	Remote LCD screen/keypad	Obsolete	88970410
	Kit with remote LCD screen/keypad + 3 m cable		88970412
RD2	Remote LCD screen/keypad + 4 function keys + 4 LEDs	Obsolete	88970411
	Kit with remote LCD screen/keypad + 4 function keys + 4 LEDs + 3 m cable		88970413

Accessories

Type	Designation		Code
MA	IP65 protective membrane (in accordance with DIN 40050 and EN60529)		88970414
PA	3 m serial programming cable: PC ➜ Millenium 3		88970102
PA	1.80 m serial link cable: DB9 M / DB9 F	Obsolete	88970123

General characteristics

Environmental characteristics	
Certifications	CE
Dimensions (l x h x w)	96.6 x 72.8 x 63 mm
Panel cut-out	92 x 68 mm
Protection rating	IP54 on front panel IP20 on rear panel
Electrical characteristics	
Supply voltage	24 V ⎓ (the power supply has to be common with the Millenium 3 power supply)
Voltage limits	- 20 %/+ 25 % or 19.2 ➜ 30 V ⎓ (including ripple)
Consumption	1.5 W (88970410) 2 W (88970411)
Protection against polarity inversions	yes
Mechanical characteristics	
Mounting	Flush-mounted, fixed with 2 clips (supplied)
Display protection	Polyester
Keyboard material	Polyester
Housing material	Self-extinguishing UL94V1
Connection	Removable 2-pin terminal
Connection	Serial via 9-pin male SUB D connector
Cable length	3 m maximum
Display characteristics	
Cycle time	20 ms + 2 Millenium 3 Controller cycles (88970410 and 88970412) 50 ms + 10 Millenium 3 Controller cycles (88970411 and 88970413)
Comments	
If using a remote display/keypad with a Millenium 3 resin board version, order the DB9/DB9 serial programming cable separately (Part no. 88970123)	

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