

## Remote LCD displays/keypads RD Part number 88970412



- 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)

### Part numbers

| Type        | Designation  |
|-------------|--|
| 88970412 RD | Kit with remote LCD screen/keypad + 3 m cable (88970102) |

### Specifications

#### 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<br>IP20 on rear panel |

#### Electrical characteristics

|  |   |
|--|---|
| Supply voltage                         | 24 V DC (the power supply has to be common with the Millenium 3 power supply) |
| Voltage limits                         | - 20 %/+ 25 % or 19.2 →30 V DC (including ripple)                             |
| Consumption                            | 1.5 W (88970410)<br>2 W (88970411)  |
| Protection against polarity inversions | ▪   |

#### 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)<br>50 ms + 10 Millenium 3 Controller cycles (88970411 and 88970413) |
|------------|---|

### Comments

### Accessories

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