**CROUZET AUTOMATION**

## Remote LCD displays/keypads RD Part number 88970413

- 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 |
|---|---|---|
| 88970413 | RD | Kit with remote LCD screen/keypad + 4 function keys + 4 LEDs + 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 |
| | 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) |
| | 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) |
| | 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 |

*Unless otherwise specified, the characteristics given are applicable to all or part of the product range selected*