CM78N C01/C02
MICROPROCESSOR COUNTER/VISUALISER

The new counter **CM78N** includes the basic features of CM78 while it enhances its performance; indeed in the same size as CM78 it encloses a high number of functions. **CM78N C01** operates as **2-preset counter,** as **partial/total counter** and as **cycle counter with cycle preselection**, while **CM78N C02** is a **position visualiser,** a **visualiser with two settable thresholds** and an **absolute/relative visualiser with two settable thresholds.** Several parameters can be set by the user simply and directly. The counter **CM78N** can replace a CM78 unit pin-to-pin; its functions currently replace the ones covered by programs S001-S002-S006-S007-S012-S017-S018-S020-S026-S032 of CM78 H1(1).

OPERATING MODES

▪ CM78N C01	▪ CM78N C02
▪ Up/down counter with settable cycle ▪ Partial/total counter with settable cycle ▪ Cycle counter with settable cycle	▪ Position visualiser ▪ Position visualiser with two settable thresholds ▪ Absolute/relative visualiser with two settable thresholds

GENERAL SPECIFICATIONS

- 6 displayed digits
- mono/bidirectional input
- count frequency (primary wave) 25 KHz
- 2 relay outputs 250V 3A
- 2 presets
- NPN or push-pull encoder inputs
- supply voltage 115 or 230 or 24Vac, 50/60Hz or 12 or 24 Vdc (to be defined in the order)
- microprocessor with re-writable memory
- operating modes can be freely set by the user:
  - decimal point position
  - correcting factor from 0.01 to 9.99999
  - multiplication of the input pulses by 1 or by 4
  - 12÷24 Vdc externa functional inputs NPN or PNP, selectable by software
  - single or repeat cycle, up or down counter (for type C01 only)
  - solid state or time outputs
  - partial/total counter (type C01) or absolute/relative visualiser (type C02)
  - cycle counter (type C01 only)
- Dimensions: mm 96x48, dept mm 105, panel cut off mm 92x45

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