

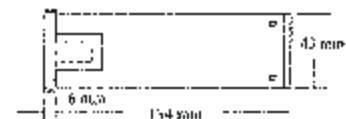
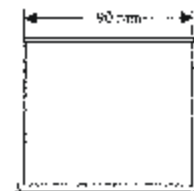
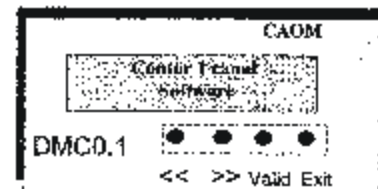
DEVICE FOR MEASUREMENT AND COUNTING OF THE PROCESS PARAMETER

CAOM DMC- 0.1

The DMC01 device is a hardware/ software device designed to work in automation process systems. This device allows the measurement and the counting of an input value as well as the signalization and alarm of over- passing the measurement limits.

The central unit is structured around an 8 bits microcontroller with the following functions:

- Analogical- numerical conversion of the input signals
- Radical, quadratic function for the input values
- Signalization of overpassing the programmed limits for 2 alarms (inferior/ superior)
- Two relays command for alarm
- Counting of input value (flow)
- Input parameters counting
- the display of the measured unit and the counter
- Communication into a RS232 network.
- 4...20 mA Current output galvanically isolated



Technical Characteristics

Supply Voltage	220 V c.a. $\pm 10\%$
Input:	unified signal
Output	relay contacts for alarms that allow 15A/ 250 V c.a. serial output for RS485 coupling voltage output +24 V with protection to overload 25 mA or 4...20 mA current output
Display	LCD alphanumerical display with 2 rows and 16 characters, 4 mm height
Programming	4 keys system
Measurement range	According to transducer that provides the unified signal
Precision	0,1% from the measurement range
Resolution	400 points
Humidity	80%
Operating temperature	5-45 $^{\circ}\text{C}$
Carcass	ABS box , dimensions 47 x 95 x 140 mm

