NUMERICAL CONTROLLER PID

CAOM gpRPID – 03

The gpPID -03 devices are numerical controllers designed as a hardware/ software assembly operational in automation of industrial processes. The gpPID-03 controllers allow a soft intervention of the operator in establishing the reference value or the manual command of the execution value.

Technical characteristics:

Supply	220 V c.a.
Functions	Regulation of a process value
Input	Current 4…20 mA, 2…10 mA Voltage 0…5 V
Output	Analogical 4…20 mA for command of the execution elements Two relay contacts for alarms signalization Serial communication in RS485 network
Display	Input value: 4 digits (14,7 mm) Prescribed value: 4 digits (8 mm) Output value: bar graph 20 LEDs LEDs for alarm signalization, programming modes and operation mode (manual or automat)
Programming	6 keys system reference value P, I, D constants Input range Output range Alarm limits Password
Carcass	ABS type, size 96 x 96 x 140 mm
Weight	Max 0.600 kg
Protection degree	IP20
Operation temperature	5 ^{0}C…45 ^{0}C
Maximum humidity	85%

For details about these products, contact GENPRO LTD in Suceava, G. Enescu Blvd no 16, Suceava county, 720247, Romania
tel. 0040230-511591, fax 0040230-406004, email: genpro@caom.ro www.caom.ro

TRIPOSITION PID CONTROLLER

CAOM gpRPID – 04

The gpPID -04 is a hardware/ software designed to operate in automation of industrial processes where integrative execution elements electrovalve- type are used.

Technical characteristics:

Supply	220 V c.a. ± 10%
Functions	Regulation of a process value
Input	Current 4…20 mA
Output	2 relay contacts for command (Δ +, Δ-) serial communication for RS232/ RS485 PC coupling voltage source with protection 24 V c.c 24 mA
Display	Input and reference value, alarms (at option): 4 digits (8mm) Output value: 2 digits (8mm) Error (in percents) bar grapf 2 x 0 LEDs +10%...-10% LEDs for : alarm, programming mode
Programming	7 keys system Values to be programmed: reference value P, I, D constants Input range alarm values Output limits Constant for input filtration and error
Carcass	ABS type, size 72 x 144 x 156 mm
Weight	Max 0.700 kg
Protection degree	IP20
Operation temperature	5 ^{0}C…45 ^{0}C
Maximum humidity	85%

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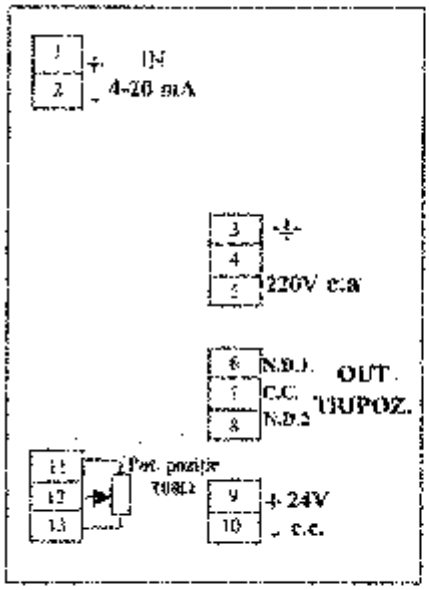

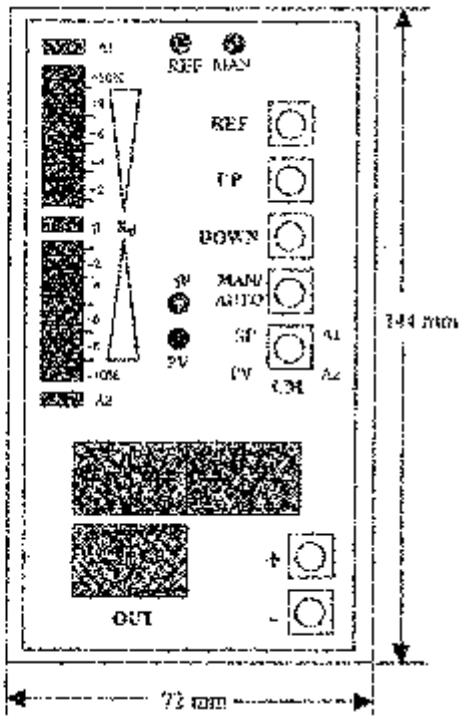

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