



TWO PARALLEL AXIS PROGRAMMABLE POSITIONER

TECHNICAL FEATURES:

- Power supply 24 V A.C. + 20% - 10%
- Absorbed power: 20 VA
- Output encoder power supply or optical line: 12 V CC 100 mA stabilized for each axis
- Max. counting frequency 10 KHz with multiplication x4
- Relay axis movement control with interlock of contacts between: INCREASE/DECREASE and SLOW/FAST
- Relay running exit
- Relay ok position exit
- Relay manual/semi automatic, automatic exit
- Relay end of program exit
- Electrical decoupled inputs by means of photocouplers
- High luminosity led display 5 digits + negative sign for each axis
- High luminosity led display 2 digits for the number of program
- High luminosity led display 2 digits for the number of cycle
- Water and abrasion-proof, polycarbonate keyboard with tactile sensitivity
- Electronical circuit, completely realized with CMOS Technology, RISC Micro Controller Technology
- Memory for "machine constants" and programs on EEPROM, thus without buffer battery
- Memory capacity up to 99 programs, each one made up by 20 cycles
- "Intelligent" axis completely independent in their own parameters and in their own configuration
- Power/down supervisor circuit as warrant of a very high security in data storage
- Connections with external circuits with extractable terminals.
- Plastic self-extinguishing housing container "VO" in NORLY 43700 192X96X125 DIN standards.
- Drilling measures of the panel for embedding: 186x92

RUNNING MODE:

PRG 920 positioner can settle two powered axis in a manual, semiautomatic, automatic and automatic continuous mode. PRG 920 positions in manual or semiautomatic mode the gated axis by means of the suitable buttons, whereas in automatic and automatic continuous mode it positions the axis according to the program previously memorized.

PRG 920 has a memory capable of holding up to 99 programs, from number 1 up to 99 and each program can include up to 20 positions each axis, and these positions may have 99 repetitions. Each couple of positions with the relevant repetitions makes up a cycle of the program.

By "repetitions" we mean the number of times that the contact connected to the increase cycle input has to close in order to allow the passage to the following cycle.

Anyway it is possible to program a cycle by enabling only an axis. Semiautomatic mode acts as a single cycle of a program, with the difference that it is directly carried out without memorizing it.

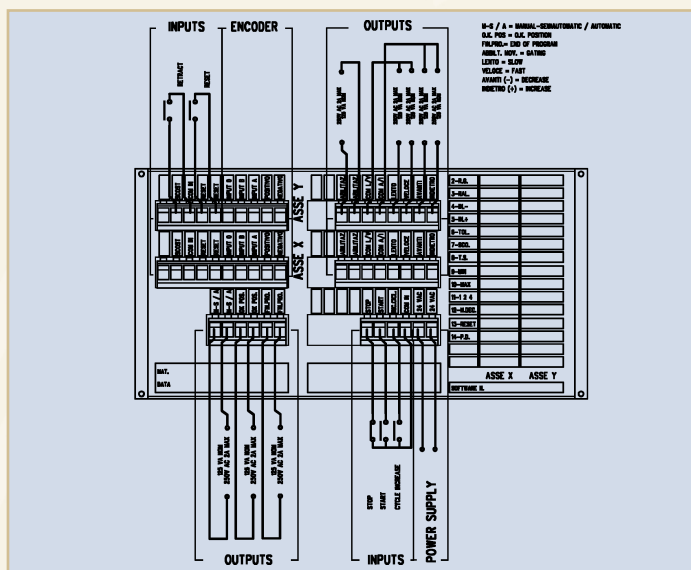
It is possible to pass from a functioning mode to another one by simply pressing the button of the desired functioning mode.

This operation will cause the closing of the present functioning mode and the opening of the selected one.

PRG 920 is supplied with a RETRACT function, that can be started with the suitable button and can increase the axis position of a value selected by the operator when the relevant input is being closed.

Such increase happens after that the selected time is passed. When the cycle increasing input is closed, the previous position is restored.

PRG 920 has also a memory desk, where the parameters necessary to the functioning of the two axis are stored; these parameters are called machine constants and they are completely independent between the two axis.



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