

MG elettrotecnica

DCS-01

Programmer for the automation of machines and systems in the textile industry

**DCS-01:
THE PROCESS
UNDER CONTROL**

Ease and immediacy of use. Equipped with a detailed manual instructions

1 Analog input available:
PT100 2-3 wires

Possibility of CONNECTION tool (mode 1) to a PLC through the combinations binary outputs F1, F2, F3, F4, F5

2 auxiliary inputs for PT100 2-3 wires
1 auxiliary input for 0-20mA probes, 4-20mA, 0-10V, 0-1V

Ability to store up to 25 programs
40 steps each

Set times in hours. minutes or in minutes. seconds

Mode 2 (programmer standard) with the function rotation set, and graphical display of LCD

Temperature input
Real and end time step displayed on display 4 + 4 digit great visibility.

8 Outputs controlled: warm up, cooling, F1, F2, F3, F4, F5, alarm (Warning)

8 digital inputs available

Possibility of changes (subsidiaries) sets set and of the times, in course of execution of the syllabus

Serial line: RS485 supervision network (expected)

Electrical connections towards the outside of all Removable type. panel front tight IP55

Reporting capabilities external alarms to programmer, via dedicated connection entrance

Configuration tool-protected password. Setting Data Wizard in the menu on LCD display

Serial line: 232 for connection to Printer (planned)

Components High reliability, compliance CE regulations. Container steel plate zincopassivato

Dual mode work to cover different needs of automation

Internal clock with retention data. activity outputs with spies front signaling

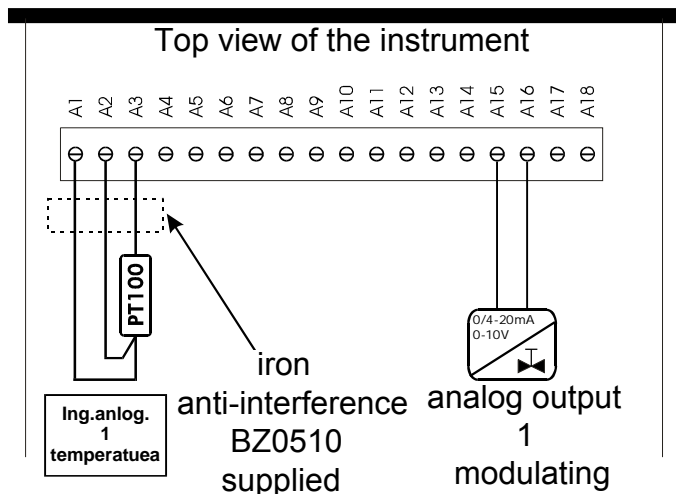
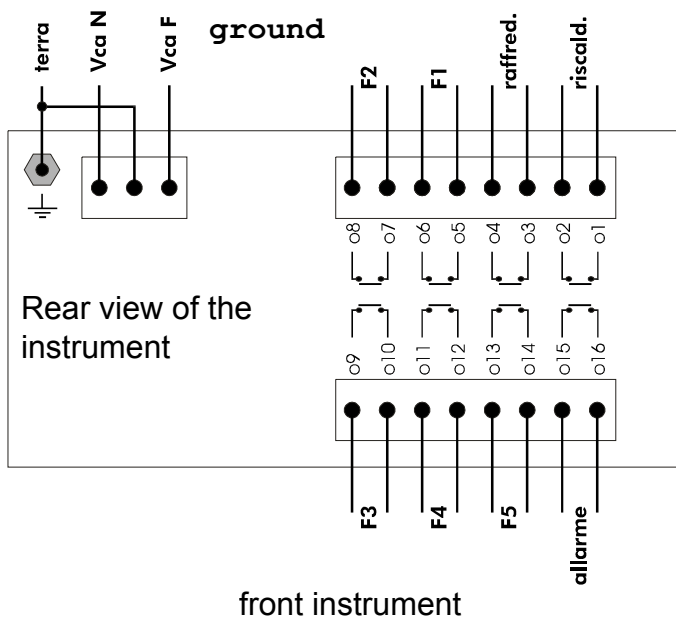
2 analog outputs modulating 0-20mA or 4-20 mA or 0-10 V control valves

DCS-01: summary sheet technical data

Electrical characteristics:

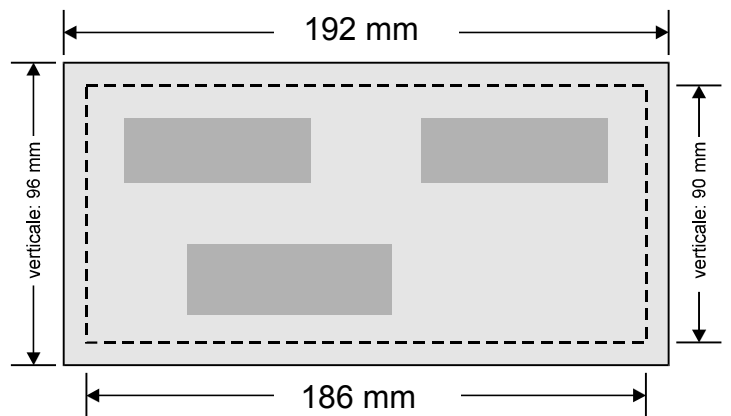
power supply	220Vac +/- 20%
consumption max	25VA
No. of relay outputs	8
max load	8A cos ϕ 1 3A cos ϕ 0,4
protection fuse	5x20 T500mA
No. of digital inputs	8
type digital inputs	NPN
serial line 1	RS232
serial line 2	RS485
No. analog inputs	4
type analog inputs	3 x PTC/PT100 (to be specified)
	1 x 0-20mA/4-20mA/0-10V/0-1V
Power ext. transducers	15Vcc max 50mA
No. analog outputs	2
type analog outputs	2 x 0-20mA/4-20mA/0-10V (to be specified)

Examples of connection of the instrument (loads and analog)



Dimensional Data

Size and front instrument panel cutout



Lateral dimension instrument

