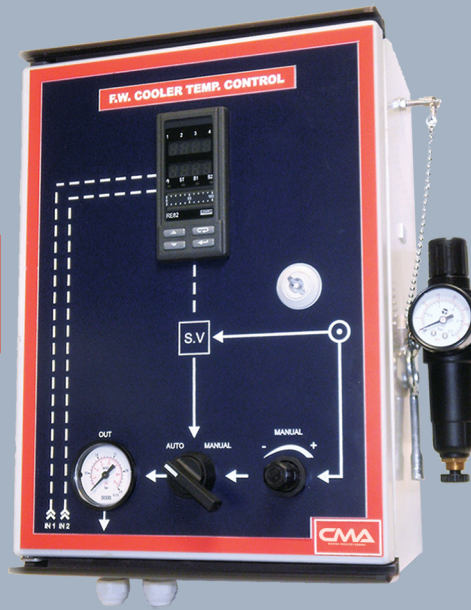


CEP 12

ELECTROPNEUMATIC

CONTROLLER

- ✓ Auto/Manual Control
- ✓ Low cost
- ✓ Easy Installation
- ✓ Fully Programmable Controller
- ✓ IP66
- ✓ 1 Year guarantee



D.ARGOUDELIS & CO S.A.

MARINE APPLICATIONS

- ✓ Pressure Control
- ✓ Temperature Control
- ✓ Liquid Level
- ✓ Control
- ✓ Flow Rate in Process Systems

TECHNICAL DESCRIPTION

The Series CEP12 Electropneumatic Controller combines the highest quality instrumentation in one compact RITTAL enclosure for easy, low cost installation. Simply provide a supply pressure and voltage with a standard thermocouple, RTD, DC voltage or DC current input to this unit and a traditional pneumatic process quickly converts to a state-of-the-art electronic operation. Typical function setup items appear in the control menu only when the function is selected, so you don't have to scroll through unnecessary items. Auto/Manual mode is selected with an external toggle switch. That gives the benefit to the user to control the pneumatic actuator manually in case of power supply loss. Also includes both digital and bargraph indication.



SPECIFICATIONS

Front Panel Selectable Inputs: Thermocouple J,K,S,R,B,N,E,RTD, DC voltage or DC current.
Supply Pressure: Max: 100 psi
Output: 3 to 15 psig
Control Action: Direct or Reverse
Control Method: P, PI, PID
Local Set Point Adjustment: 4 Push button and 2X16 character LCD display
Power Requirements: 100 to 240 VAC, 50/60Hz
Pressure Connections: 1/4" female NPT
Enclosure: RITTAL KS1432
Dimensions: 350x245x150mm
Weight: 8 lb 1 oz (3.67 kg)



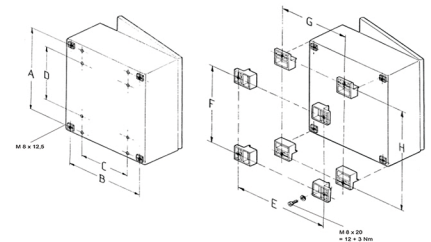
PROGRAMMING SETTING NOTES

The CEP12 would be set as per below options settings.

INPUT : PT 100 or 4-20 mA
TEMP.RANGE : 0-120°C or other
SET POINT: 70°C or other
OUTPUT SIGNAL: 0,2-1 bar(3-15pst)
CONTROLLER FUNCTION: Reverse or Direct



INSTALLATION



A = 300mm
B = 200mm
C = 150mm
E = 270mm

F = 277mm
G = 177mm
H = 370mm

get in touch



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