

Custom Oriented Controllers for Industrial Applications



ESM-9944

ESM-9945

Cooking Controllers for bakery applications,
Heating + Timer with internal buzzer

EZM-9910

EZM-9920

Length Measurement Control Device with
communication system for Textile Industry

ESM-9990

Heat Treatment Controller

EPM-3712

Single Axis Potentiometer Input Controller
for Sheet Rolling Machines

EPM-3790

EPM-7790

Digital Potentiometer for
Motor Speed Control Drivers

ESM-1510

Enclosure Air Conditioning Temperature Controller

ESM-3770

ESM-3770-D

Digital ON/OFF Air Conditioning Controller



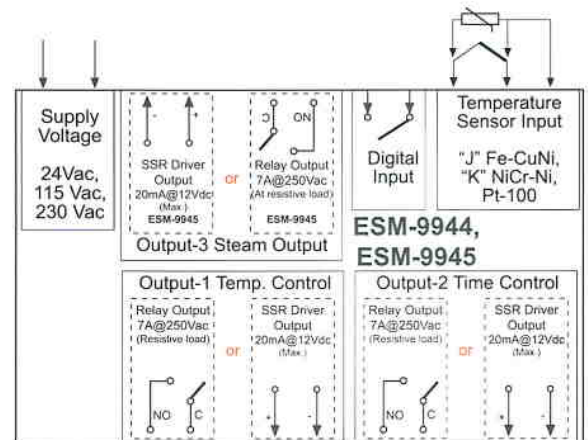
Since 1986, EMKO ELEKTRONIK A.S. continues its activities in desing, production , before and after sales technical support of Industrial Measurement and control devices. Due to its many years of experience on different sectors, EMKO Elektronik implements and produces application-oriented products. The Measuring , control and data evaluation of the specific applications can be done with the products designed by EMKO, after examining the manufacturing sectors such as machinery, textile, glass, ceramic, automotive chemical, heating, cooling, ventilation, metal processing, food, packaging, plastic, wood processing, automation, etc.



ESM-9944 ESM-9945

Cooking Controllers

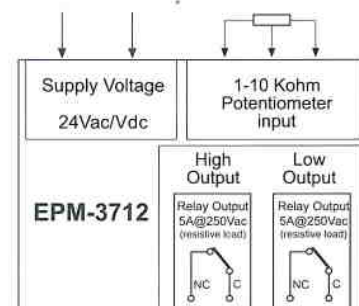
- Easy to use
- Temperature, Time SET values and control values are displayed same time
- Thermocouple and thermoresistances input types
- ON/OFF or Proportional control form selection
- Working time selection in minutes or second
- Adjustable internal buzzer according to cooking time and alarm status
- Automatic Start-Stop by closing-opening door switch (ESM-9945)
- Manual or Automatic control for Steam output
- Password protection for programming mode



EPM-3712

Single Axis Potentiometer Input Controller for Sheet Rolling Machine

- Operation at adjustable 3 different set values
- Potentiometer input
- Set value boundaries
- High and Low relays outputs

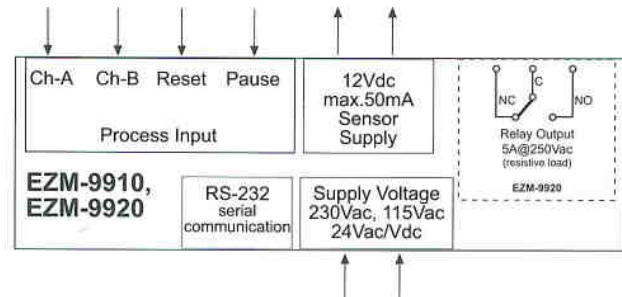




EZM-9910 EZM-9920

Length Measurement Control Device
for Textile Industry

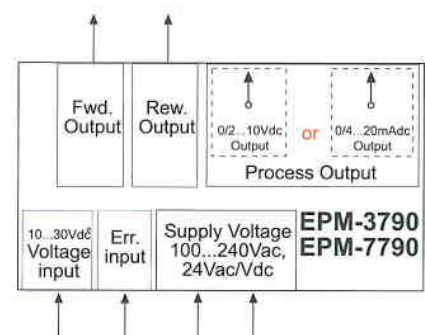
- Reset, Pause, Ch-A and Ch-B inputs
- NPN / PNP input types selection
- Inc x1/x2/x4 (with encoder) type or counting
- Coefficient and decimal point position
- Standard RS-232 serial communication
- Single SET and relay output for EZM-9920
- Inch or Metrics indication selections



EPM-3790 EPM-7790

Digital Potentiometer for Motor Speed Control Drivers

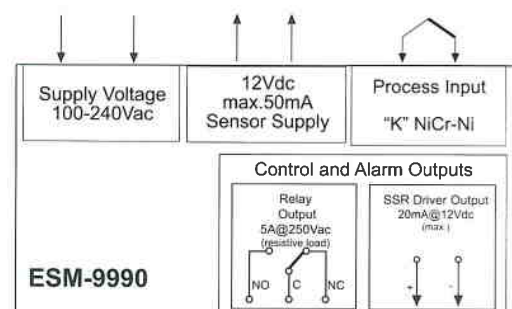
- Operation at adjustable set value
- Ramp function
- Easily adjustable set value from front panel
- Configurable display scale between -1999...9999
- Adjustable decimal point
- SET value low limit and set value high limit boundaries
- Adjustable ramp up and ramp down time
- Password protection for programming and adjustment sections.
- Forward, Reverse direction output and error input for V/F speed controller
- 0/2...10Vdc Voltage output 0/4...20mA Current output
- (It must be determined for programming and adjustment sections)

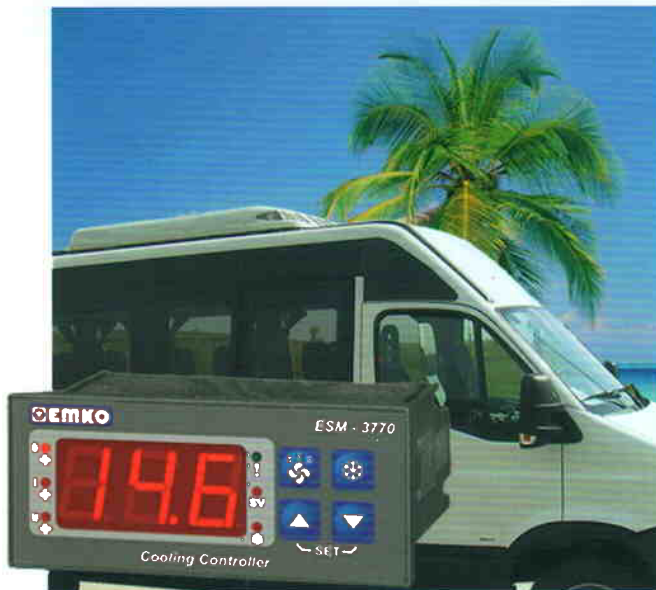


ESM-9990

Heat Treatment Controller

- 4 steps profile control (Ramp&Soak) function
- Adjustable Ramp and Soak values for each step
- Start, Stop and Pause control from front panel
- ON/OFF control forms
- Power off Back-up
- "K" NiCr-Ni (-200...1300°C) sensor input type
- Password protection for programming section.

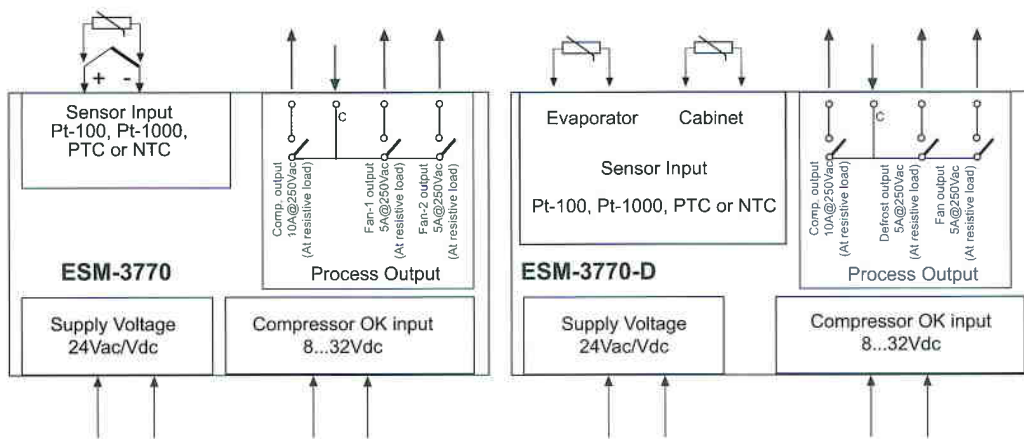




ESM-3770 ESM-3770-D

Digital ON/ OFF Air Conditioning Controller

- Cooling applications
- NTC, PTC, PT-100 or PT-1000 input type
(it must be determined in order)
- ON/OFF temperature control
- 2 Step fan outputs
- Compressor OK digital input
- Adjustable hysteresis value
- Compressor protection time
- Password protection for programming mode



ESM-1510

Enclose Air Conditioning
Temperature Controller

- Internal PTC sensor
- ON/OFF temperature control
- Heating / Cooling applications
- Adjustable temperature offset value
- DIN RAIL Mounting
- 3 digits display
- Password protection for programming section.

