



Please read this document carefully before using this product. The guarantee will be invalidated if the device is damaged by not following instructions detailed in the manual. The company shall not be responsible for any damage or losses however caused, which may be experienced as a result of the installation or use of this product.

ENDA EI1410 NTC TEMPERATURE INDICATOR

Thank you for choosing ENDA EI1410 NTC temperature indicator.

- * 77 x 35mm sized.
- * 4 digits display.
- * Easy to use with front panel keypad.
- * Display can be selected decimal or integer.
- * Temperature unit can be selected as °C or °F.
- * Stores maximum and minimum measurement values.
- * Upper and lower alarm limit values can be adjusted.
- * CE marked according to European Norms.



Order Code : EI1410-NTC-□□□□□□

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Supply Voltage
230VAC...230V AC
24.....24V AC/DC
12.....12V AC/DC



RoHS
Compliant

TECHNICAL SPECIFICATIONS

ENVIRONMENTAL CONDITIONS

Ambient/storage temperature	0 ...+50°C / -25 ...+70°C
Max. relative humidity	80% Relative humidity for temperatures up to 31°C, decreasing linearly to 50% at 40°C.
Rated pollution degree	According to EN 60529 Front panel : IP65 , Rear panel : IP20
Height	Max. 2000m



Do not use the device in locations subject to corrosive and flammable gases.

ELECTRICAL CHARACTERISTICS

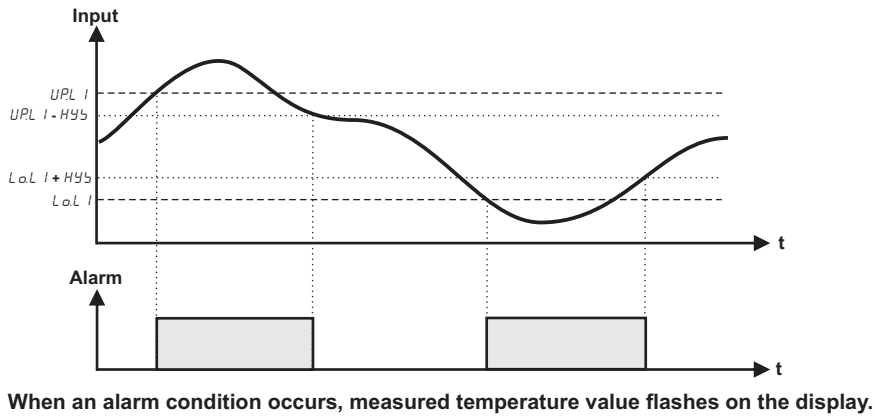
Supply	230V AC +%10 -%20, 50/60Hz or 24V AC/DC ±%10, 50/60Hz or 12V AC/DC ±%10, 50/60Hz	
Power consumption	Max. 4 VA	
Wiring	2.5mm ² screw-terminal connections	
Scale	Decimal	-60.0°C...150.0°C
	Integer	-60°C...150°C
Sensitivity	0.1°C	
Accuracy	±1°C	
EMC	EN 61326-1: 2006	
Safety requirements	EN 61010-1: 2010 (Pollution degree 2, overvoltage category II)	

HOUSING

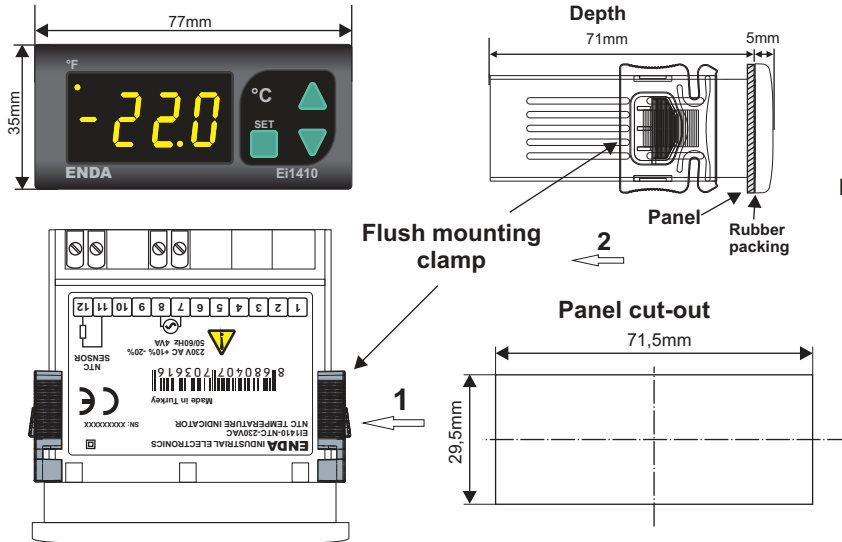
Housing type	Suitable for flush-panel mounting.	
Dimensions	W77xH35xD71mm	
Weight	EI1410-230VAC	Approx. 190g (after packing)
	EI1410-24 and EI1410-12	Approx. 110g (after packing)
Enclosure material	Self extinguishing plastics.	



While cleaning the device, solvents (thinner, benzene, acid etc.) or corrosive materials must not be used.



DIMENSIONS



For removing mounting clamps:
 - Push the flush-mounting clamp in direction 1 as shown in the figure left.
 - Then, pull out the clamp in direction 2.

Note : 1) Panel thickness should be maximum 7 mm.

2) There must be at least 60mm free space behind the device, otherwise it would be difficult to remove it from the panel.

Equipment is protected throughout by DOUBLE INSULATION.

RoHS Compliant

Holding screw 0.4-0.5Nm

NOTE :

SUPPLY:

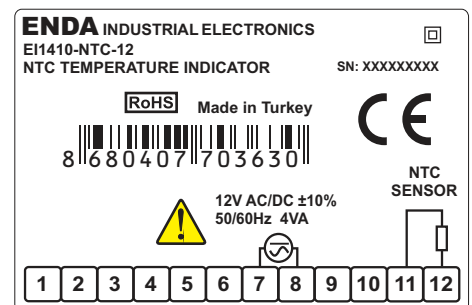
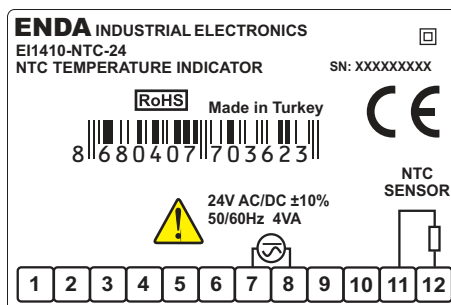
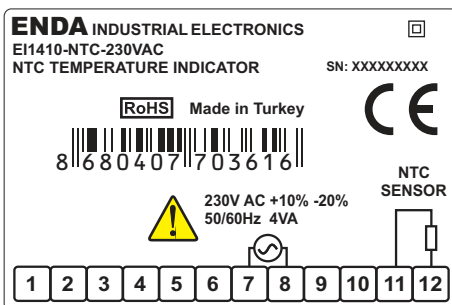
1) Mains supply cords shall meet the requirements of IEC 60227 or IEC 60245.
 2) In accordance with the safety regulations, the power supply switch shall bring the identification of the relevant instrument and it should be easily accessible by the operator.

Fuse should be connected. Cable size: 1,5mm²

CONNECTION DIAGRAM



ENDA EI1410 is intended for installation in control panels. Make sure that the device is used only for intended purpose. The electrical connections must be carried on by a qualified staff and must be according to the relevant locally applicable regulations. During an installation, all of the cables that are connected to the device must be free of electrical power. The device must be protected against inadmissible humidity, vibrations and severe soiling. Make sure that the operation temperature is not exceeded. The cables should not be close to the power cables or components.

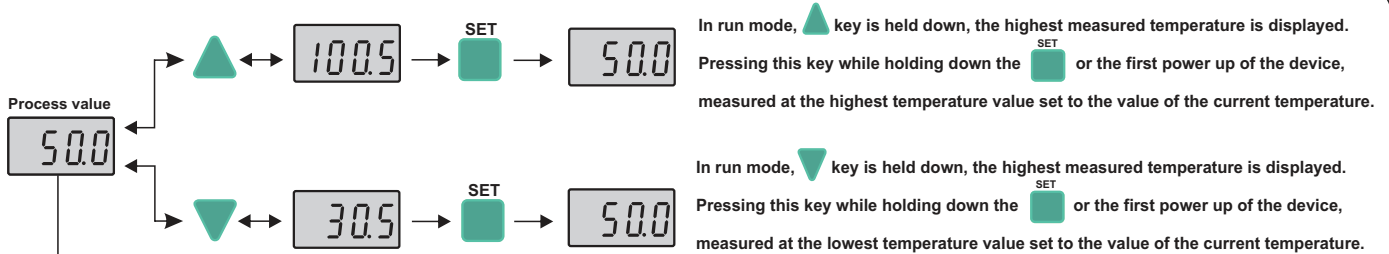


EI1410 PROGRAMMING DIAGRAM



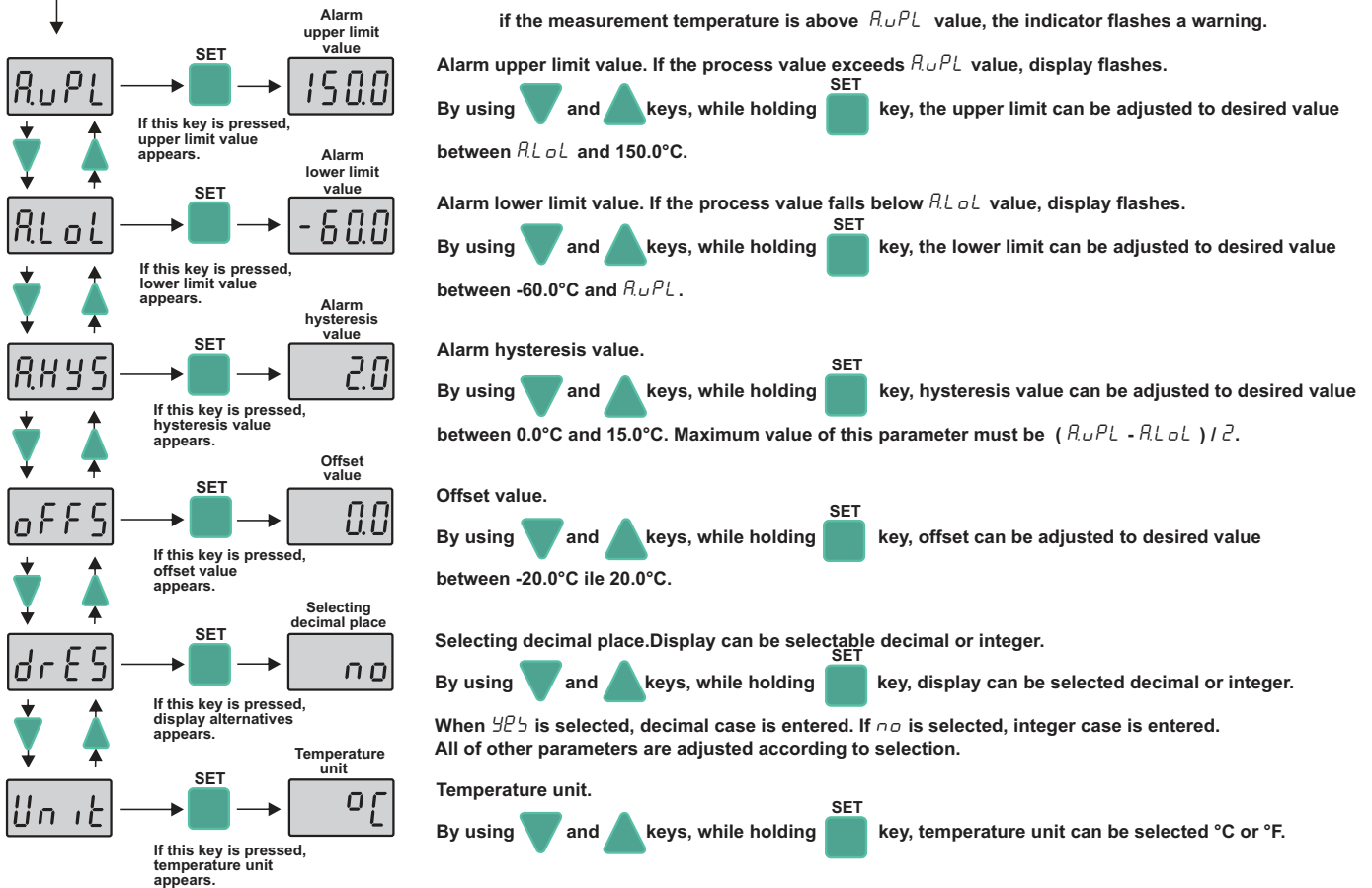
- Increment Key** Used for increasing the setpoint value and changing parameters. When held down for a few seconds, configured numeric value increases faster..
- Decrement Key** When held down for a few seconds, configured numeric value increases faster. Used for decreasing the setpoint value and changing parameters.
- Programming Key** Used for displaying and configuring the selected parameter value.

RUN MODE



If both & keys are pressed and held for 3 seconds, programming mode is entered or run mode is returned.

PROGRAMMING MODE



If without pressing any button for 20 seconds or powered down and powered up the device, then it returns to operation mode.

ERROR MESSAGES

