



Read this document carefully before using this device. The guarantee will be expired by device damages if you don't attend to the directions in the user manual. Also we don't accept any compensations for personal injury, material damage or capital disadvantages.

ENDA EI4430 PROGRAMMABLE INDICATOR

Thank you for choosing ENDA EI4430 programmable indicator.

- ▷ 48 x 48mm sized.
- ▷ 0-20mA, 4-20mA, 0-10V, 2-10V Input selection.
- ▷ Display scale can be adjusted between -1999 and 4000.
- ▷ Decimal point can be adjusted between 0 and 0.000.
- ▷ Adjustable input noise filtering.
- ▷ RS485 Modbus RTU communication protocol feature (Please specify at order).
- ▷ CE marked according to European Norms.

Order Code : EI4430 - <input type="checkbox"/> - <input type="checkbox"/>	
1 - Supply Voltage	2 - Modbus
UV.....90-250V AC	RS.....Modbus
LV.....10-30V DC /	(Specify at order)
8-24V AC	



TECHNICAL SPECIFICATIONS

Input Type	Scale Range	Accuracy
0-20mA current	-1999...+9999 (Max. scale range 10000)	± 0,2% (of full scale) ±1 Digit
4-20mA current	-1999...+9999 (Max. scale range 10000)	± 0,2% (of full scale) ±1 Digit
0-10V voltage	-1999...+9999 (Max. scale range 10000)	± 0,2% (of full scale) ±1 Digit
2-10V voltage	-1999...+9999 (Max. scale range 10000)	± 0,2% (of full scale) ±1 Digit

RoHS
Compliant



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

! KEEP AWAY device from exposed to corrosive, volatile and flammable gases or liquids and DO NOT USE the device in similar hazardous locations.

ELECTRICAL CHARACTERISTICS

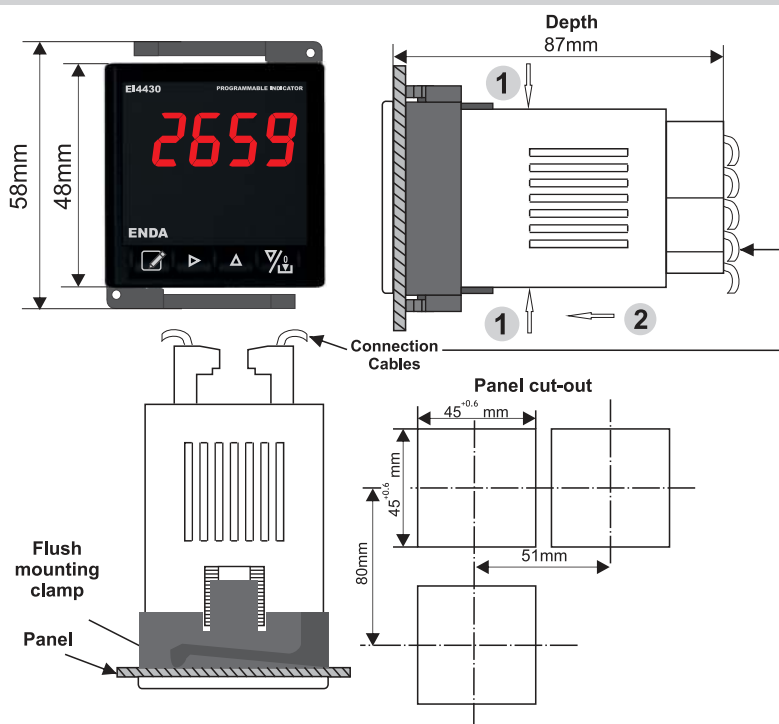
Supply	90-250V AC 50/60Hz, 10-30V DC / 8-24V AC SMPS
Power consumption	Max. 5VA
Wiring	Power terminal : 2.5mm ² screw-terminal connections. Signal terminal : 1.5mm ² screw-terminal connections.
Date retention	EEPROM (Min. 10 years).
EMC	EN 61326-1: 2013.
Safety requirements	EN 61010-1: 2010 (Pollution degree 2, overvoltage category II).

HOUSING

Housing type	Suitable for flush-panel mounting according to DIN 43 700
Dimensions	W48xH48xD87mm.
Weight	Approx. 230g (after packaging)
Enclosure material	Self extinguishing plastics.

! Avoid any liquid contact when the device is switched on.
DO NOT clean the device with solvent (thinner, gasoline, acid etc.) and / or abrasive cleaning agents.

DIMENSIONS



For removing mounting clamps ;

- Push the device in direction 1 as shown in the figure.
- Then pull out the device in direction 2.

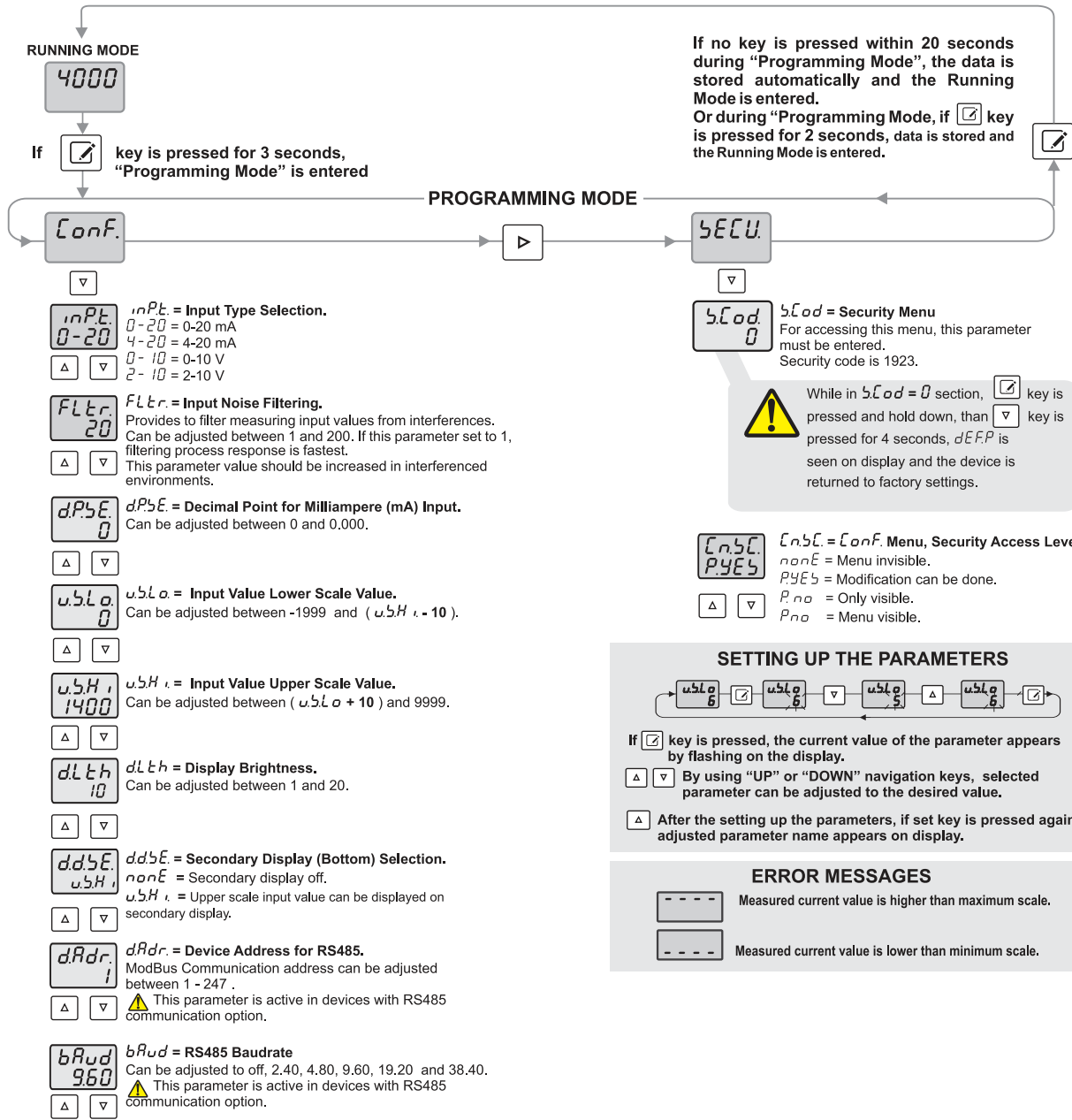
Note :

- 1) While performing panel mounting, additional space should be allocated for cables.
- 2) Panel thickness should be maximum 9mm.
- 3) If there is no 100mm free space at back side of the device, it would be difficult to remove it from the panel.

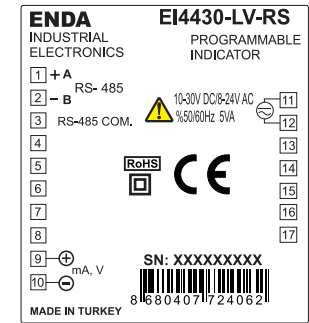
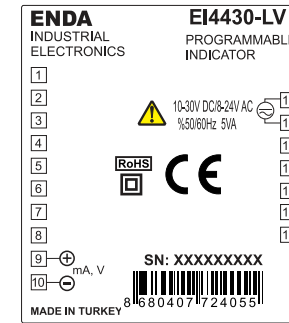
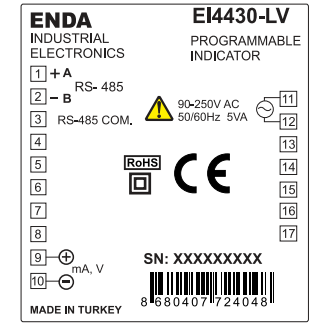
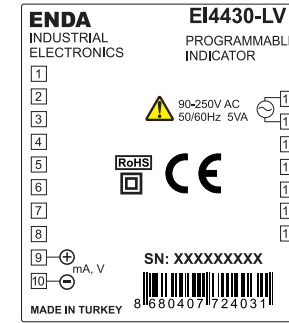


ENDA EI4430 is intended for installation within control panels. Make sure that the device is used only for intended purpose. The shielding must be grounded on the instrument side. During an installation, all of the cables that are connected to the device must be free of electrical power. The device must be protected against inadmissible humidity, vibrations, severe soiling. Make sure that the operation temperature is not exceeded. All input and output lines that are not connected to the supply network must be laid out as shielded and twisted cables. These cables should not be close to the power cables or components. The installation and electrical connections must be carried out by a qualified staff and must be according to the relevant locally applicable regulations.

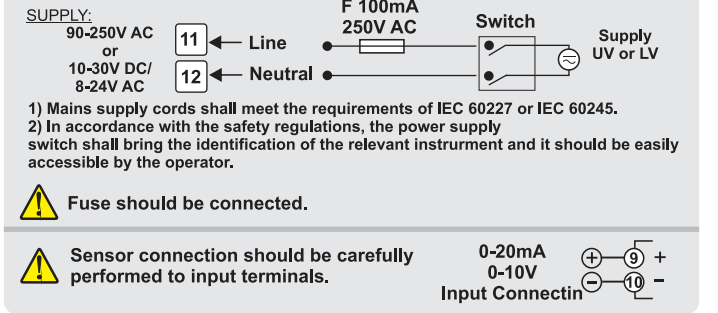
PROGRAMMING DIAGRAM



CONNECTION DIAGRAM



NOTE :



Equipment is protected throughout by DOUBLE INSULATION



Holding screw 0,4-0,5Nm.

