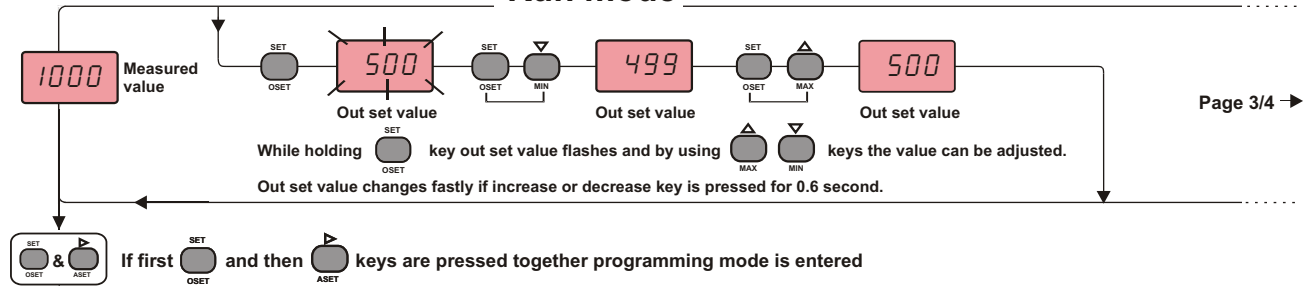
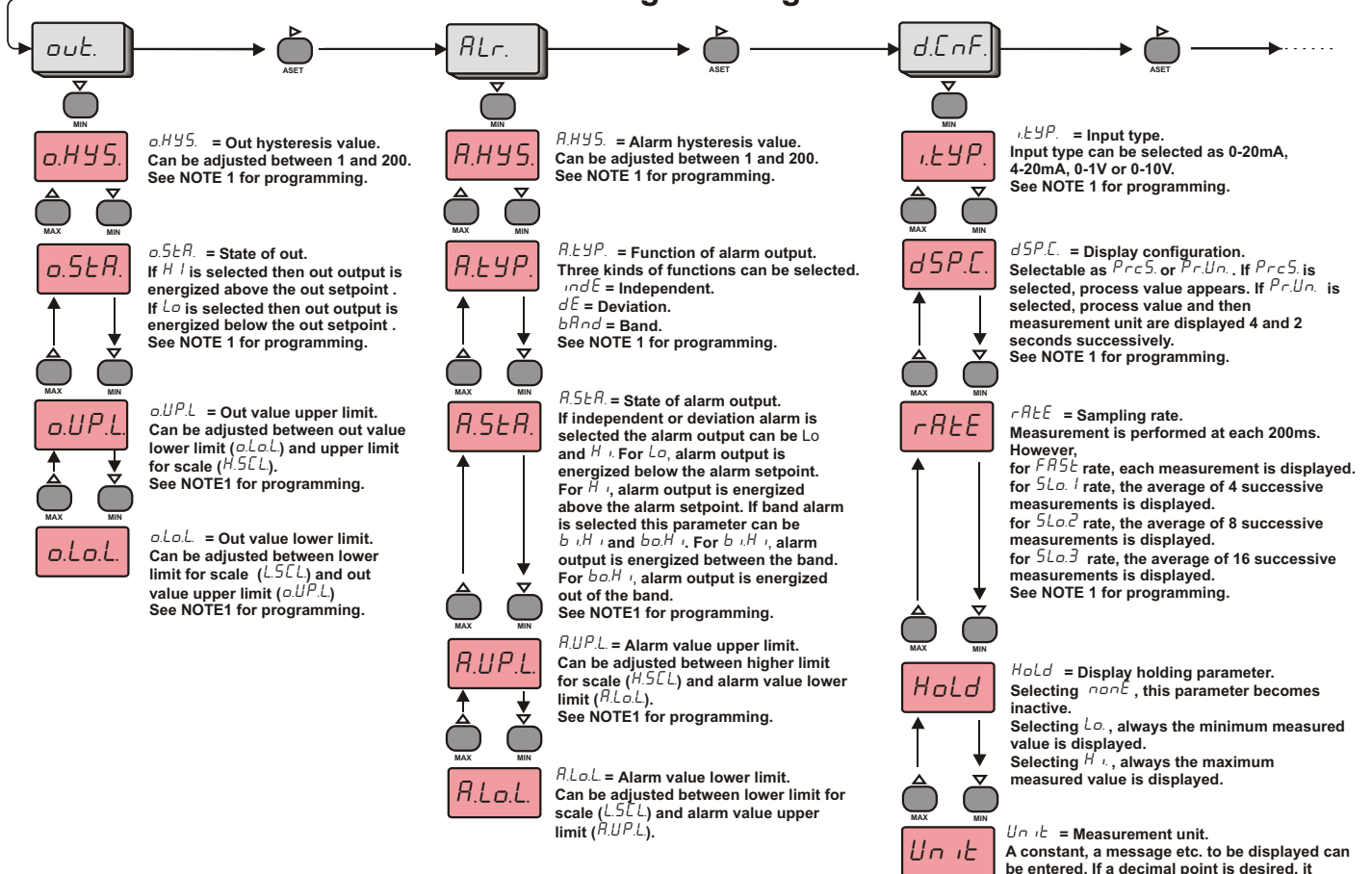


Run mode

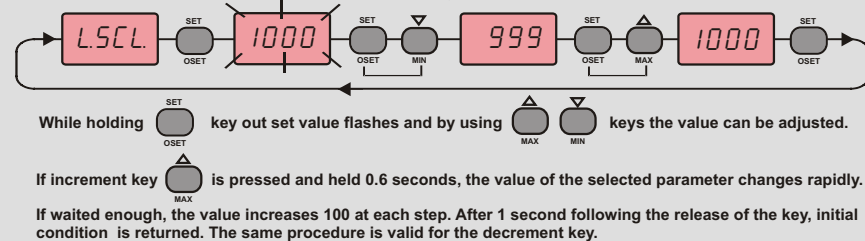


Programming mode



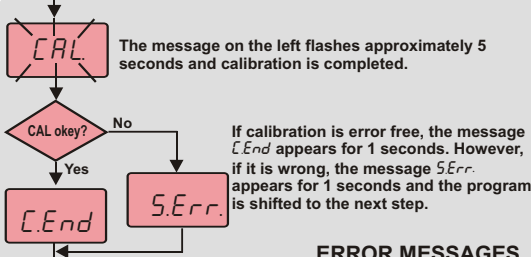
NOTE 1

Parameter adjustment method

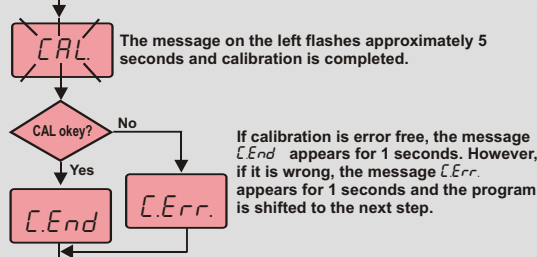


For including decimal point first, then, keys are pressed and held together. And then, by using key decimal point can be adjusted.

NOTE 2



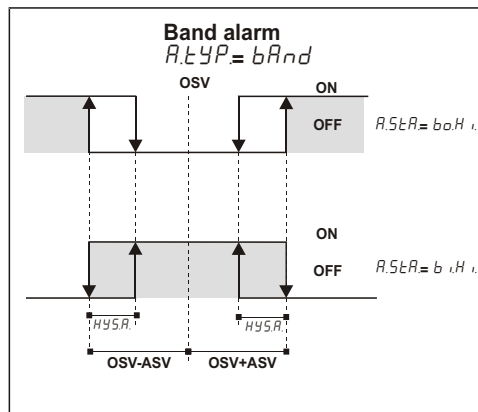
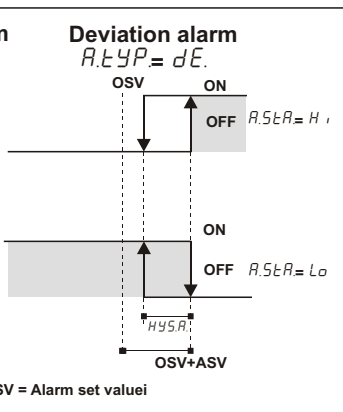
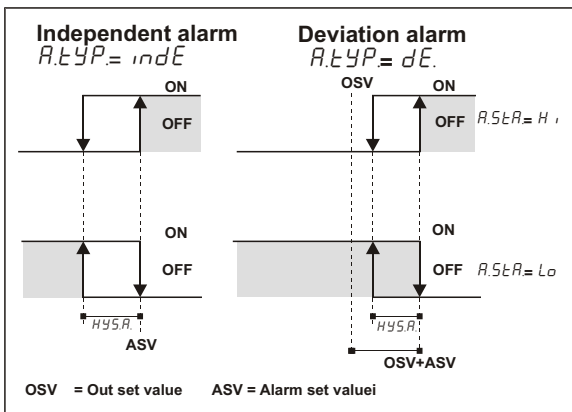
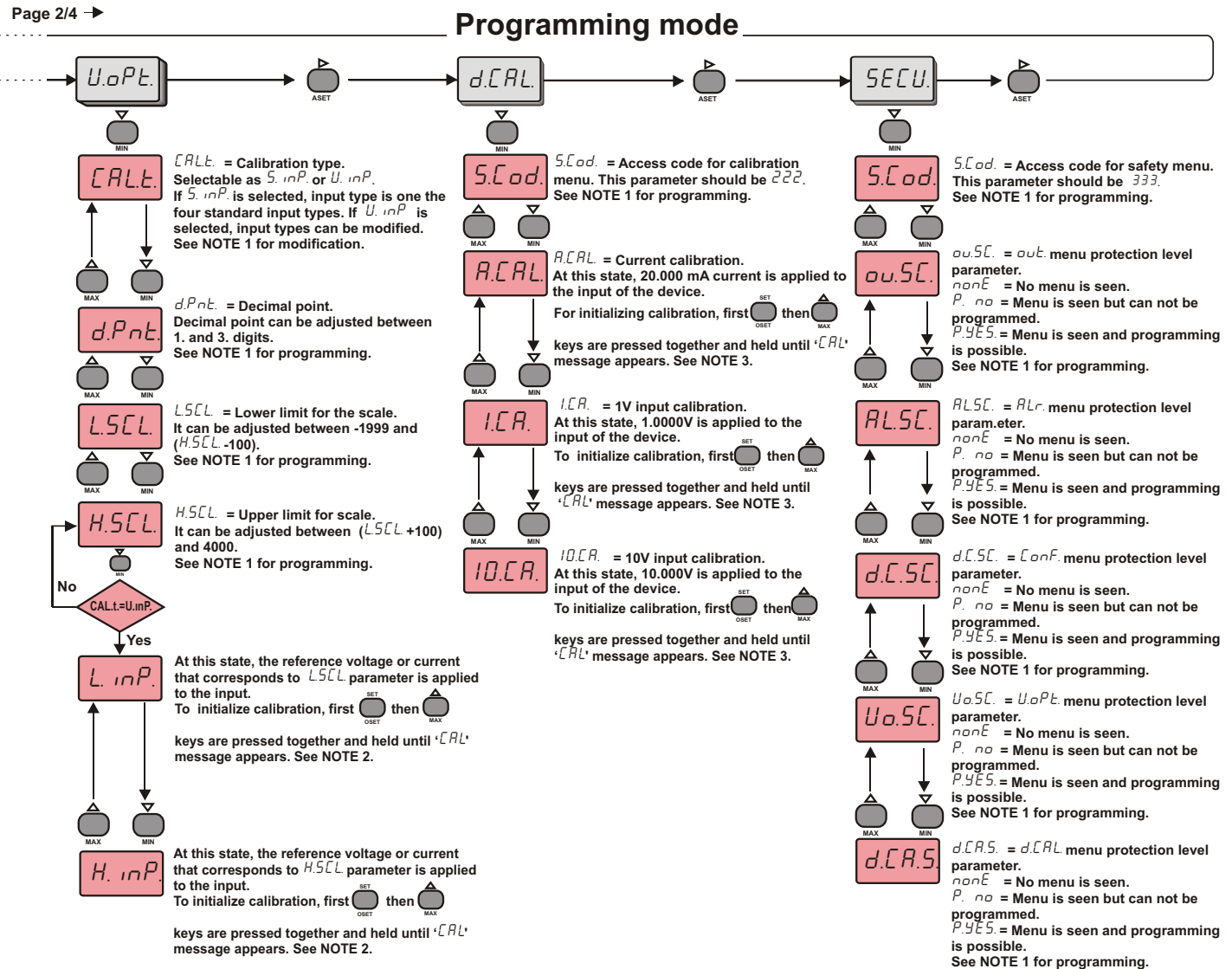
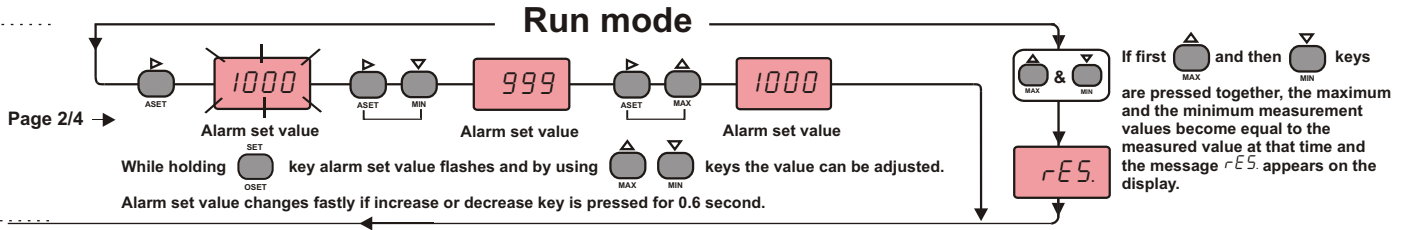
NOTE 3



ERROR MESSAGES

S.Err. If the difference between the reference voltages or currents applied for the calibration of *H.inP.* and *L.inP.* is lower than one half of the full scale, this error message appears on the display. For example: Assume that the selected input type is 0-1V. In this case, if the difference between the reference voltages applied for calibration of *H.inP.* and *L.inP.* is lower than 0.5V, this error message appears.

C.Err. If the reference voltage or current applied to the input for calibration is too high or too low, this error message appears.




Run mode Error messages

Measured value is below scale

L.inP.
Input voltage or input current is below zero

H.inP.
Input voltage is above 14V or input voltage is above 25mA

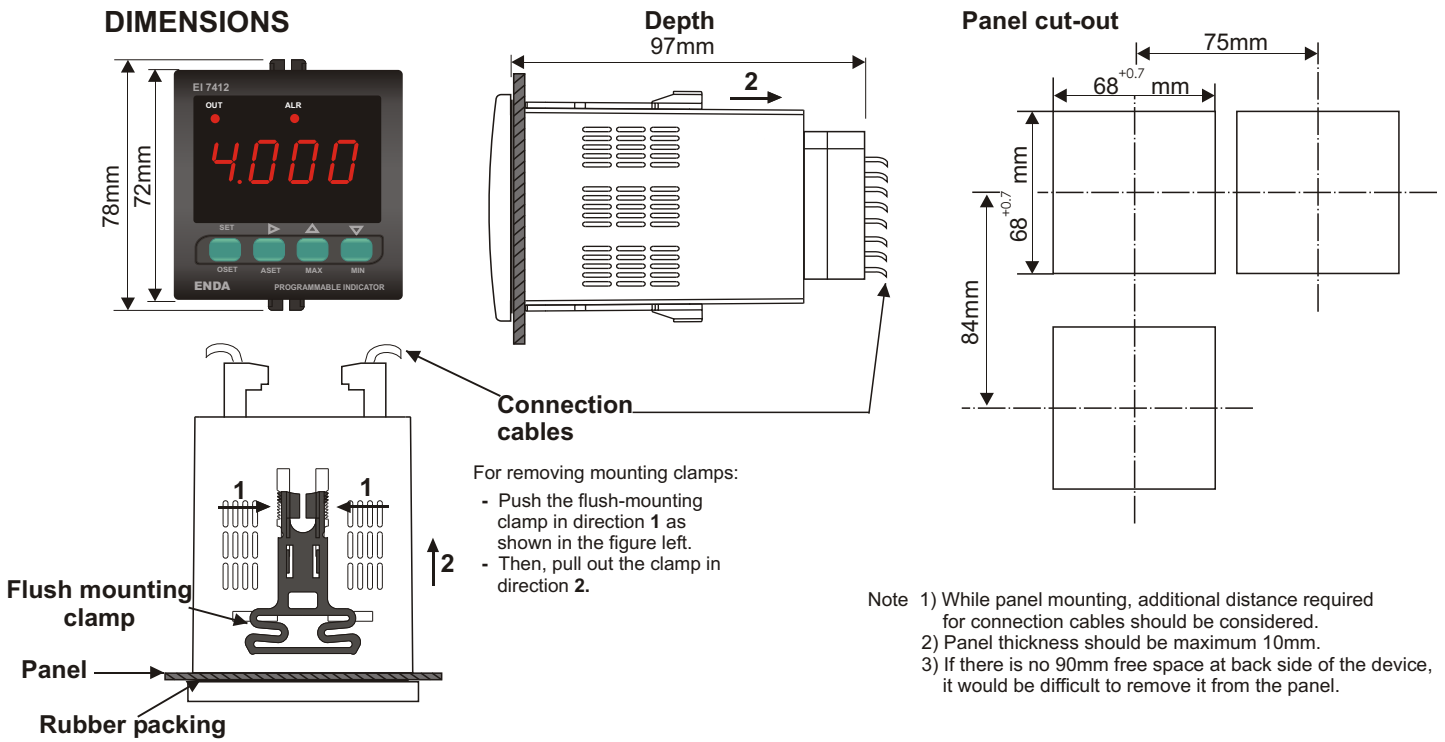
TERMS



- 1) Shows out status.
- 2) Shows alarm status.
- 3) Shows measurement value, measurement unit and maximum and minimum measured values. (Run mode)
Shows name, value and unit of parameters. (Programming mode)
- 4) Shows maximum measured value. (Run mode)
Increases value or adjusts parameter. (Programming mode)
- 5) Shows minimum measured value. (Run mode)
Decreases value or adjusts parameter. (Programming mode)
- 6) Shows alarm set value. (Run mode)
Menu selection key. (Programming mode)
- 7) Shows out set value. (Run mode)
Parameter adjustment key. (Programming mode)

(1),(2) Out and Alarm LED	3mm bright red LED
(3) Digital display	4 digits 7 segment red LED display
Character height	14.2mm
(4),(5),(6),(7) Key pad	Mikro switch

DIMENSIONS



Depth
97mm

Panel cut-out
68^{+0.7} mm x 68^{+0.7} mm

Connection cables

For removing mounting clamps:

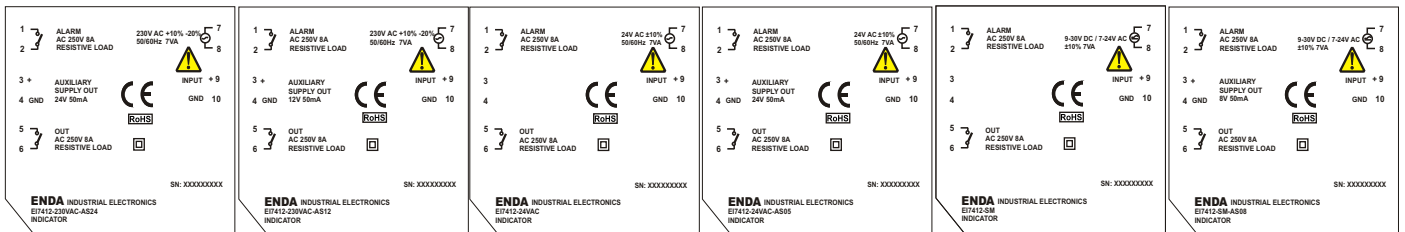
- Push the flush-mounting clamp in direction 1 as shown in the figure left.
- Then, pull out the clamp in direction 2.

Note 1) While panel mounting, additional distance required for connection cables should be considered.
2) Panel thickness should be maximum 10mm.
3) If there is no 90mm free space at back side of the device, it would be difficult to remove it from the panel.

CONNECTION DIAGRAM



ENDA EI7412 is intended for installation in 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 energy. The device must be protected against inadmissible humidity, vibrations, severe soiling and 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 on by a qualified staff and must be according to the relevant locally applicable regulations.



NOTE :

SUPPLY :



Note : 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.