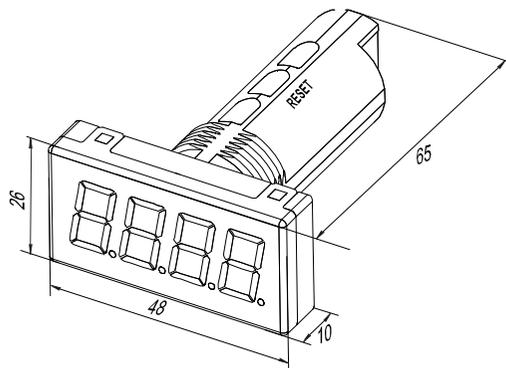
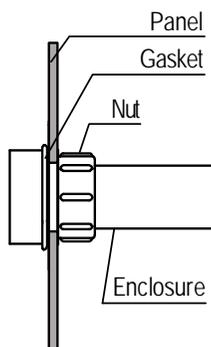
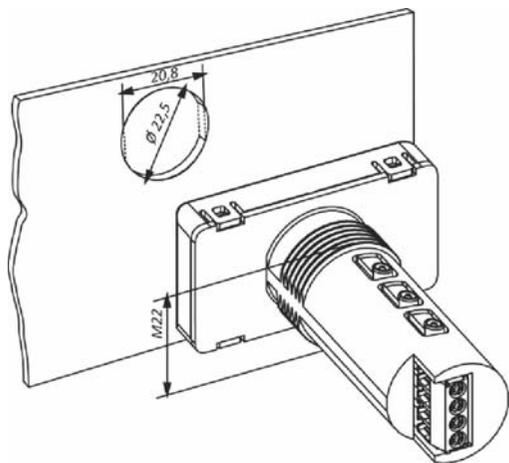


Installation

Mount E6611 on a panel through a hole $\varnothing 22...23$ mm, as an industry-standard signal lamp. Carefully adjust the rubber sealing gasket on the back side of the display to ensure IP65 protection. Tighten the nut from the back side of the panel.



Specifications

Display	green 7-segment LED, 4 digits, character height 14 mm
Measurement range	3,8...22,5 mA
Maximum operation range	3,2...25,0 mA
Indication	display of numeric values and symbols
Output scale	configurable, max -999...9999 units
Out of range symbols	Lo @ < 3,8 mA, Hi @ > 22,5 mA
Voltage drop	< 10 V @ 20 mA
Accuracy	0.2 %FSO + 1 digit
Sampling rate	1 reading / s
Functionality	scaling of measured value, damping filter with time constant 0...10 s, optional square root calculation, password protection of settings
Configuration	by three push-buttons
EMC conformity	according to 89-336-EEC (CE marking) and EN61326-1 requirements
Operation conditions	-30...+70 °C, < 80 %RH
Enclosure	black plastic
Dimensions and weight	26 × 48 × 65 mm, 30 g
Protection class	front panel - IP65, back screw terminals - IP20
Mounting	panel mount, through hole $\varnothing 22,5$ mm for standard indication lamp

Current loop indicator
E6611-G

User Manual

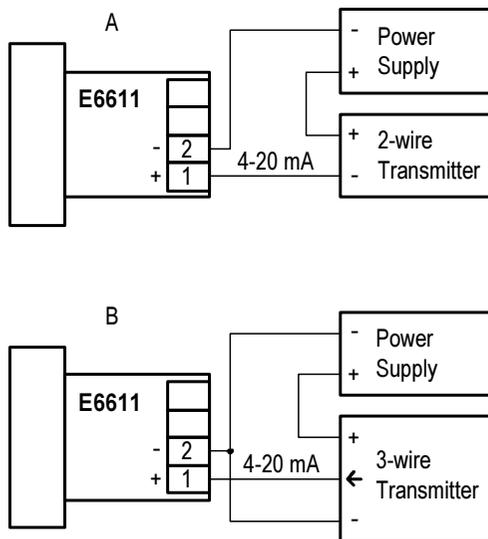
Installation and connections

Mount E6611 on a panel through a hole Ø22...23 mm, as an industry-standard signal lamp. Carefully adjust the rubber sealing gasket on the back side of the display to ensure IP65 protection. Tighten the nut from the back side of the panel.

Attach current loop connection wires to screw terminals 1 and 2. E6611 will turn on immediately after being powered from the current loop. Pay attention to the polarity. Reverse polarity will not damage the indicator, but the display will remain blank.

NB! Connect E6611 only to the reliable current source limited by 25 mA, like 3-wire active 4-20 mA transmitter or 2-wire passive 4-20 mA transmitter in series with power supply. Never connect E6611 terminals 1 and 2 directly to voltage source!

If the current loop signal is lower than 3,8 mA, an error message *Lo* is displayed. If the current loop signal is higher than 22,5 mA, an error message *Hc* is displayed.



Setup mode

To enter the setup mode, press the **SET** button. When E6611 is switched on for the first time or if the passcode protection is activated, *!* is displayed. Select the correct passcode (factory setting is 5) with the buttons \wedge or \vee and press **SET** button to confirm. If incorrect passcode is entered, E6611 reverts to measurement mode.

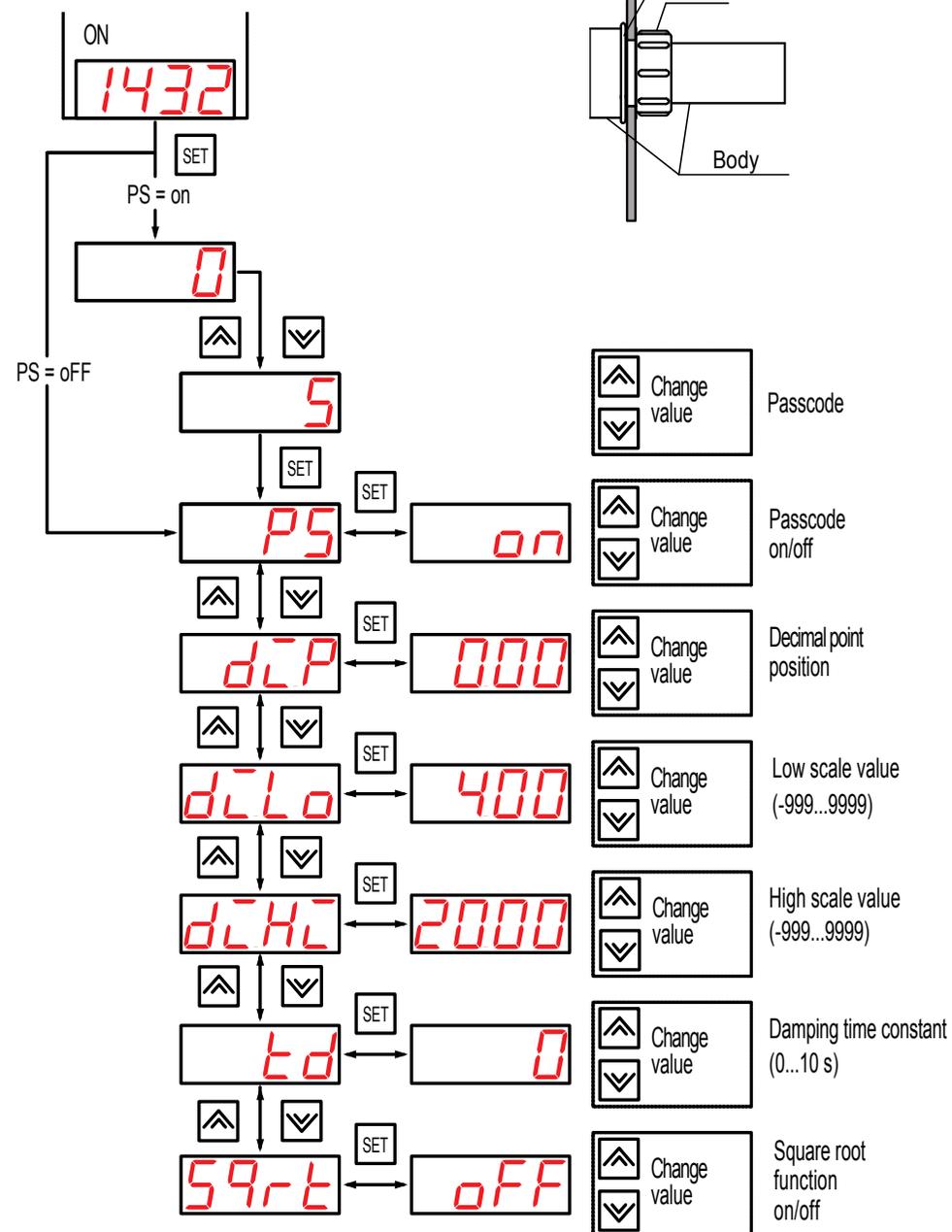
Move within menu by pressing buttons \wedge and \vee . Menu start and end positions are indicated as *!---* and *---!*. To select menu item press **SET** button. The actual parameter value is indicated on the display. To change the parameter value press buttons \wedge or \vee . Keep holding the button for automatic change of values. The change rate increases while holding the button. To confirm new value press **SET** button. The display returns back to menu.

To revert to the measurement mode, hold the **SET** button for 5 seconds. If no button is pressed within 20 seconds, E6611 reverts to the measurement mode automatically.

Parameter	Description	Values	Default
<i>PS</i>	Passcode protection	<i>on off</i>	<i>on</i>
<i>d.c.P</i>	Decimal point position	<i>---.---</i>	<i>---</i>
<i>d.c.Lo</i>	Low scale value (@ 4 mA)	<i>-999 ... 9999</i>	<i>4.00</i>
<i>d.c.Hc</i>	High scale value (@ 20 mA)	<i>-999 ... 9999</i>	<i>20.00</i>
<i>td</i>	Damping filter time constant, s	<i>0 ... 10</i>	<i>1</i>
<i>Sqr t</i>	Square root calculation mode	<i>on off</i>	<i>off</i>

If low scale and high scale values are set too close to their limits, E6611 will display out of range values without their leftmost fifth character. E.g., if the scale 4-20 mA is set to -999 - 9999 units, then at 3,8 mA *1068* instead of *-1068* will be displayed and at 20,8 mA *0548* instead of *10548* will be displayed.

Setup menu diagram



Panel mounting

