



AF03GT

Weighbridge program

NETWORK CONFIGURATION - v7

ENGLISH



For 3590 series touch screen indicators

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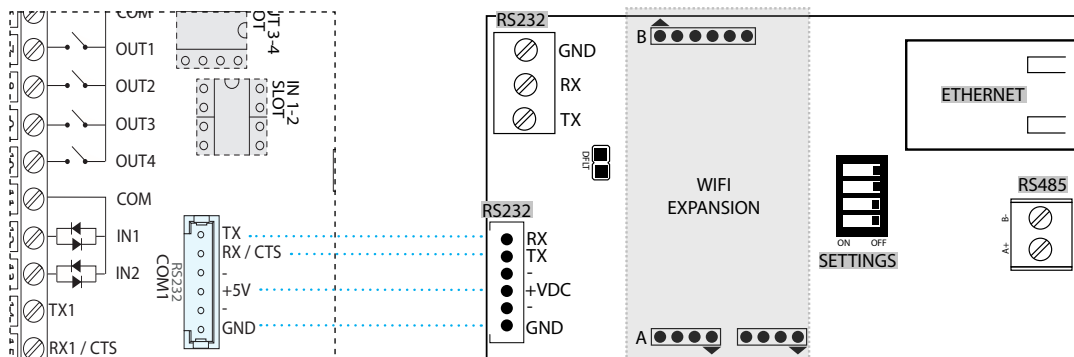
Communication via Ethernet / WiFi with weight indicator

Procedure:

- A.** With switched-off indicator and power supply unplugged, perform connection of the Ethernet board to the indicator.

CPU Board

Ethernet / WiFi board



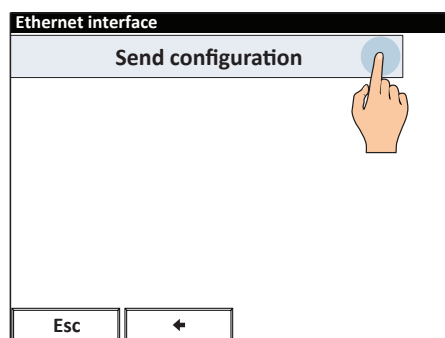
- B.** Enter technical setup and set the Ethernet board parameters.

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- i** With static IP mode, enter indicator IP address and subnet mask.

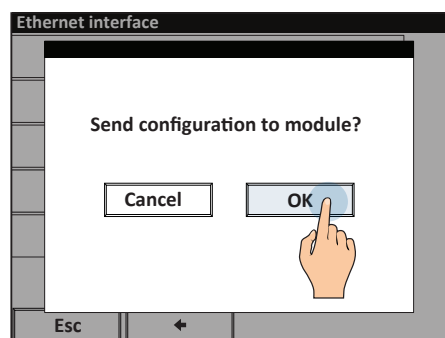
Dynamic IP mode enables automatic connection to the company network.

C. Send the data set in step **B** to the Ethernet board.

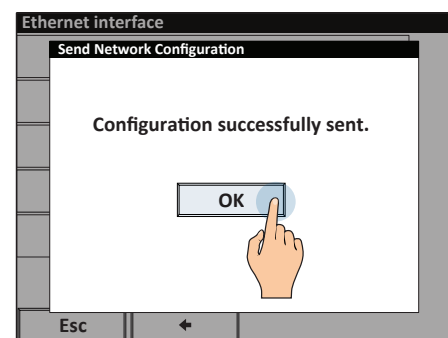
1.



2.

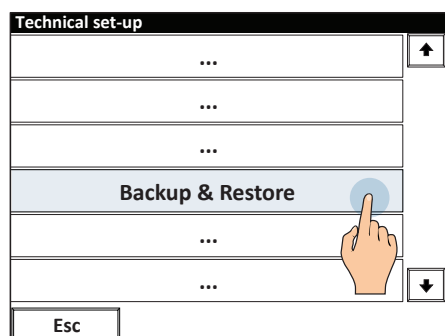


3.

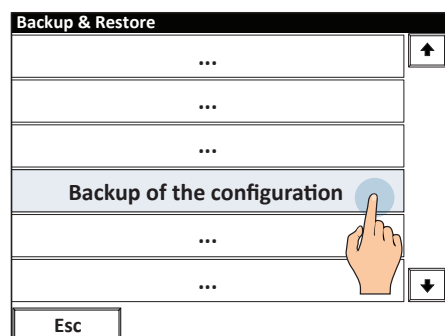


D. Perform backup

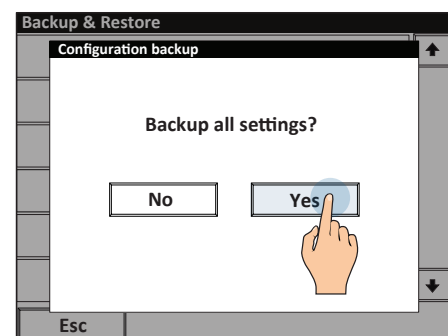
1.



2.



3.



It is possible to enter a protection password to restore saved parameters.

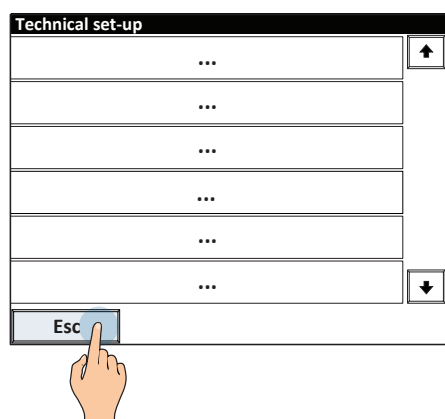
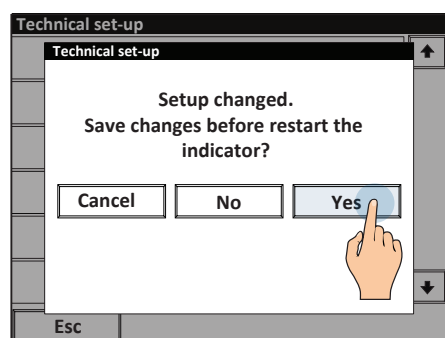


Saving has completed correctly only if the asterisk is present:

Backup of the configuration (*)

E. Receive configuration with Dinitools.

F. Exit setup and save.

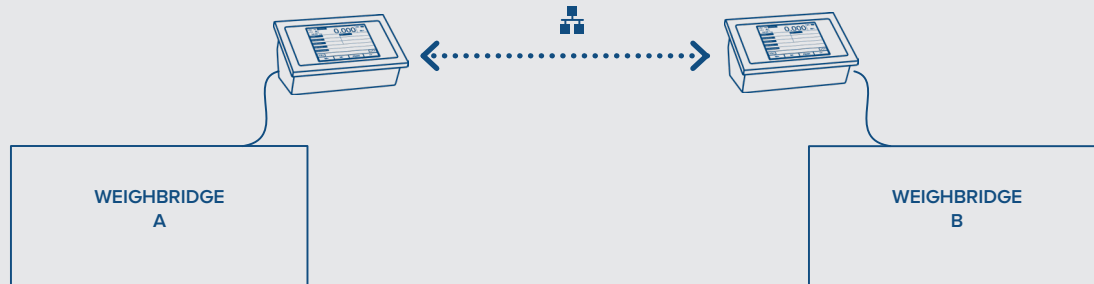


G. Indicator is ready to receive commands via Ethernet port, refer to the communication protocol manual for more information.

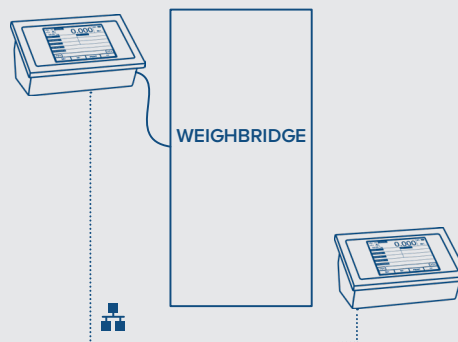
Online data sharing between 2 or more indicators

PREMISE: this configuration enables the following applications.

1. Online weighbridges with shared weigh-ins archive and master data.



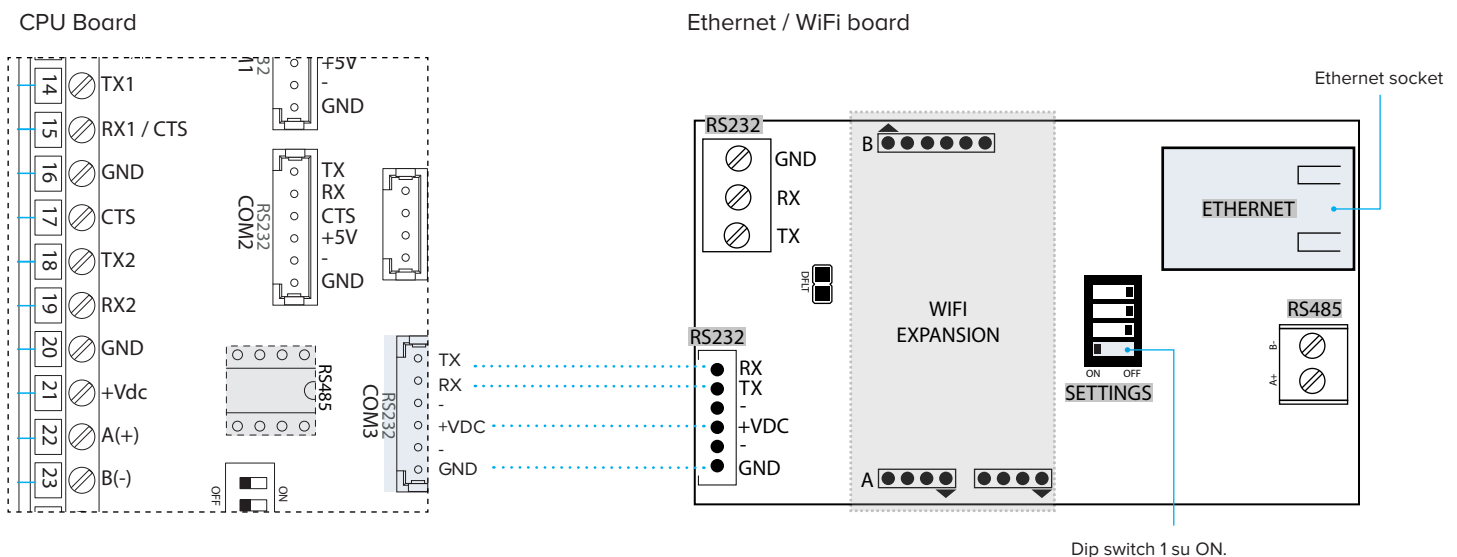
2. Multi-indicator weighbridge with network to share weight, weigh-ins archive and master data.



Procedure:

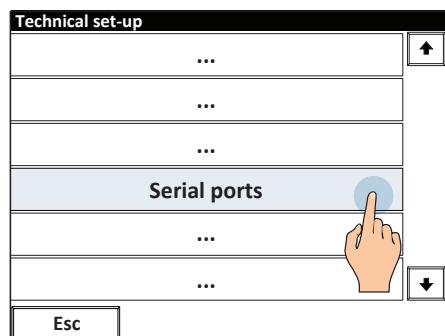
A. Hardware connection (to be carried out with switched-off indicators and unplugged power supply):

- Connect the Ethernet boards to each indicator (on PC or AUX port).
- Switch to ON dip switch 1 of the Ethernet board.
- Connect Ethernet boards to company network via cable.

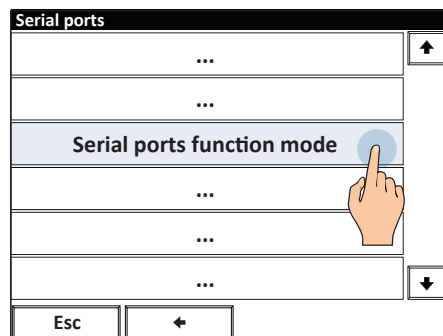


B. Set “Network” protocol.

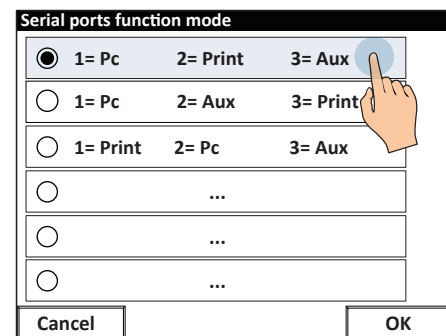
1.



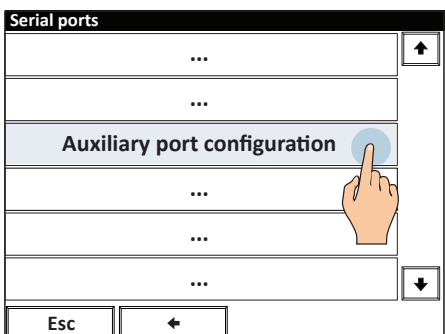
2.



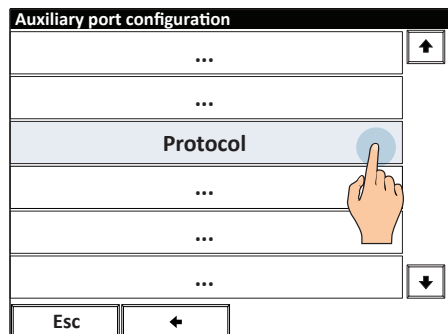
3. Associate “Pc” mode to used port.



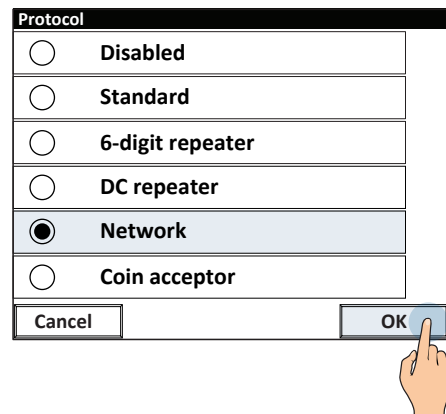
4.



5.

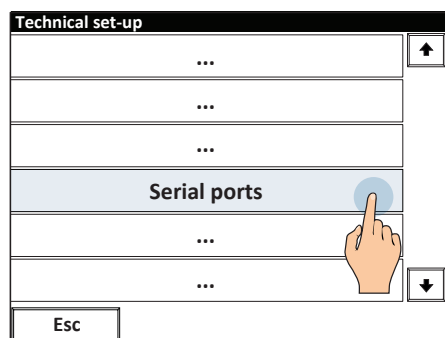


6.

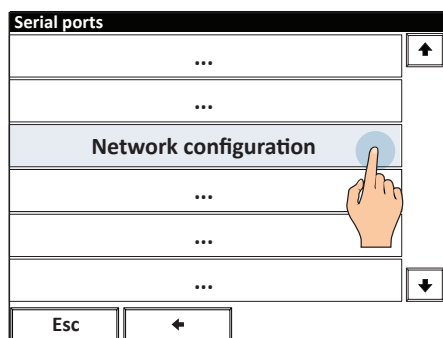


C. Configure Ethernet board.

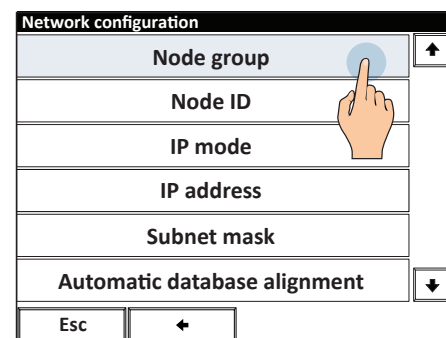
1.



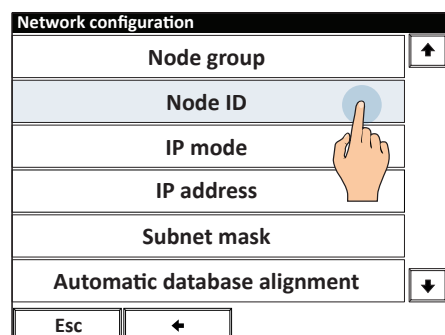
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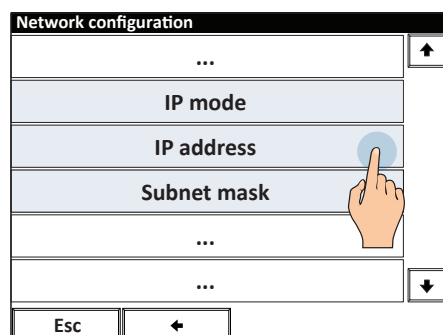
3. A group of nodes is a set of indicators, Ethernet connected. There can be several node groups linked to the same company network.



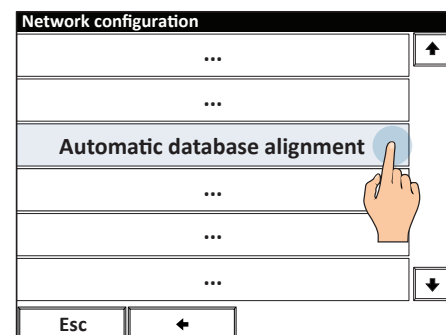
4. Node ID identifies the instrument in its group of origin. There cannot exist two identical ID nodes in the same group.



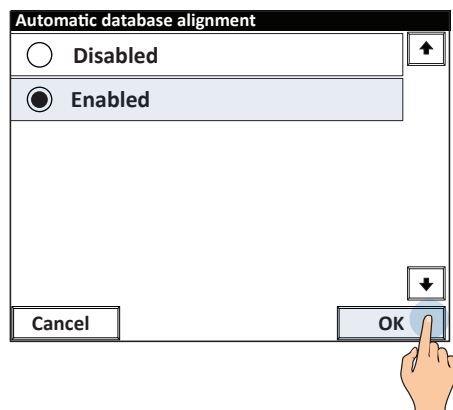
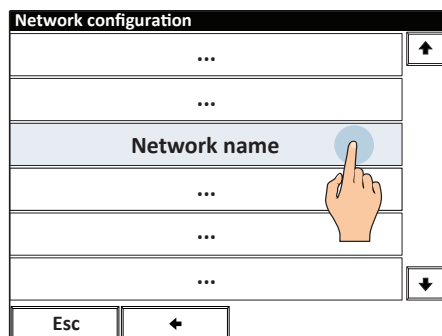
5. With static IP mode, enter indicator IP address and subnet mask. Dynamic IP mode enables automatic connection to company network.



6. Enable / disable automatic update of every archive within indicators of the same node group.

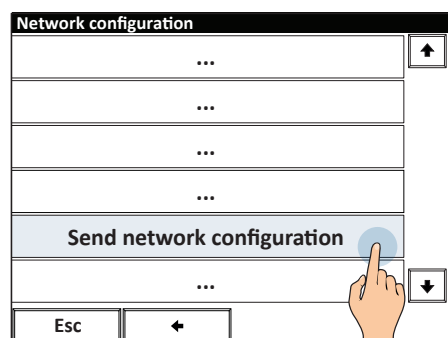


- 7.
8. Enables programming of Ethernet module name for quick identification within company network.
E.g.: "Weighbridge 1", "Office add.).

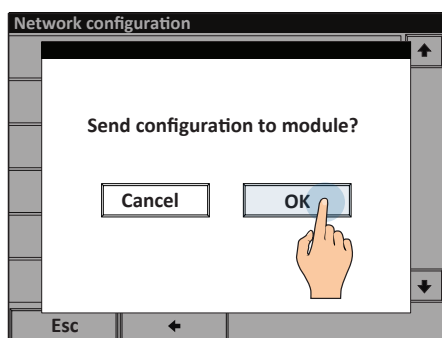


D. Send the data set during step C to the Ethernet board.

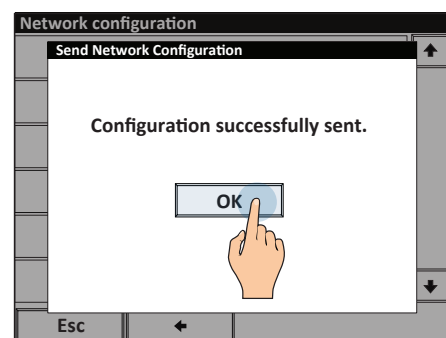
1.



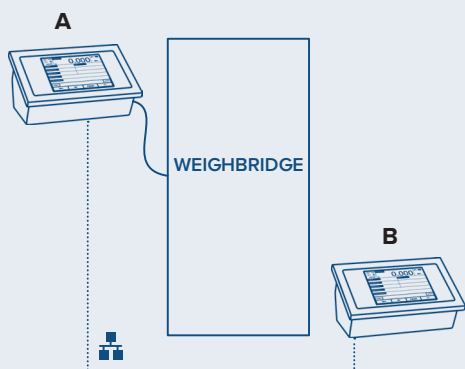
2.



3.



Weight sharing



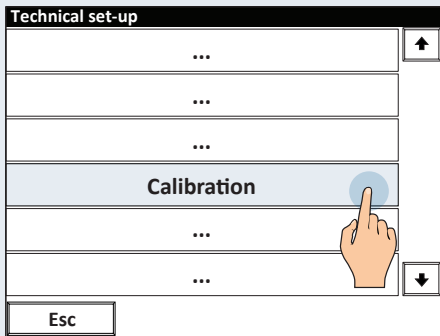
PREMISE:

For multi indicator weighbridges (see picture), it is possible to share / display weight even on the indicator not directly connected to the weighbridge (B.)
The advantage is being able to record weighing on both indicators, according to direction of travel of the vehicle.

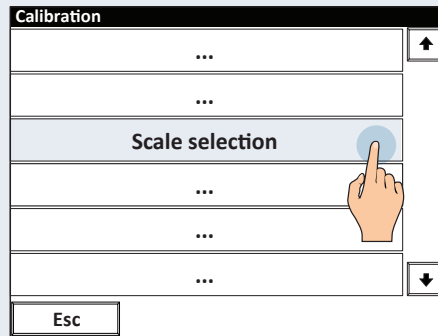
Steps **E** and **F** enable activation of the function.

E. Activate in every repeating indicator (not physically connected to the weighbridge) “remote Scale” mode.

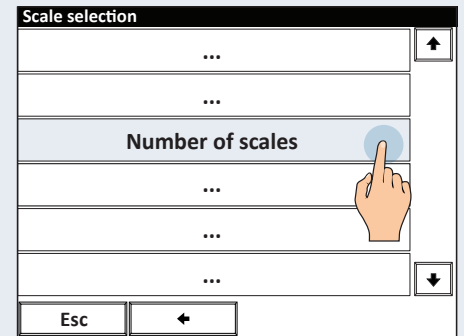
1.



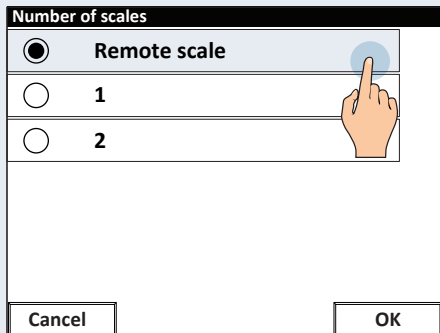
2.



3.

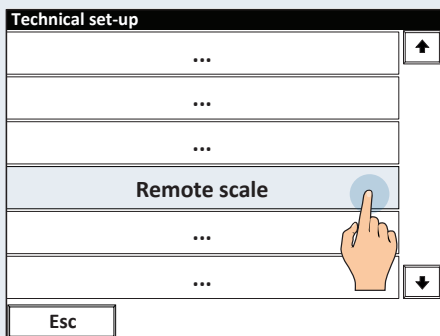


4.

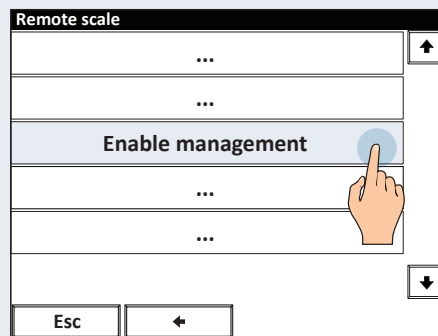


F. Set remote scale parameters.

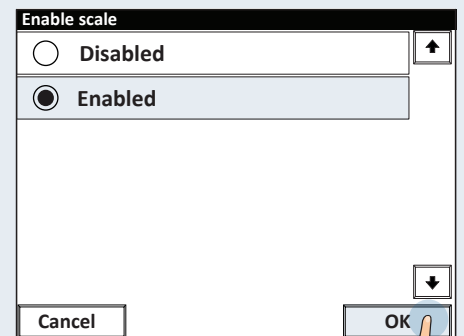
1.



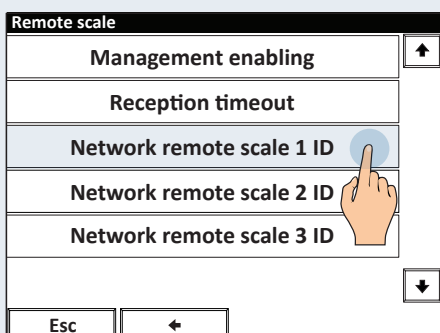
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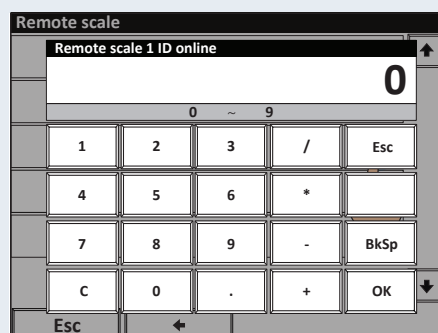
3.



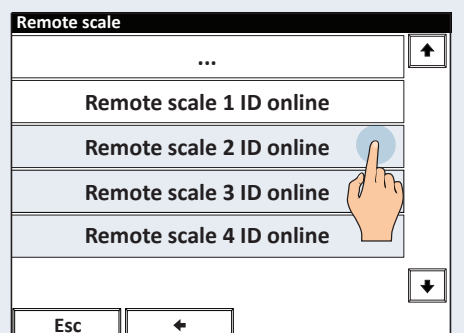
4.



5. Enter node ID (set in step **C**) of the indicator of which you wish to repeat weighing.

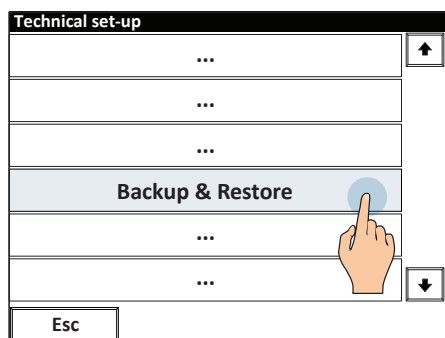


6. Each repeater can display the weight of four different indicators. If present, set node ID for each one.

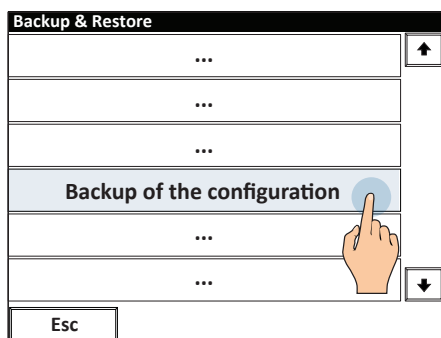


G. Perform backup

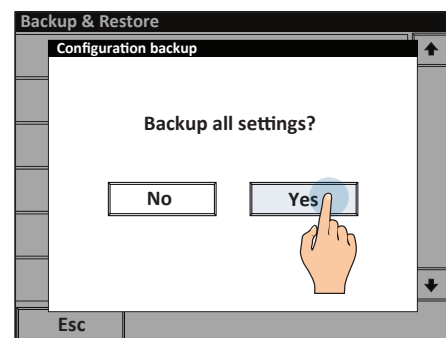
1.



2.



3.



It is possible to enter a protection password to restore saved parameters.



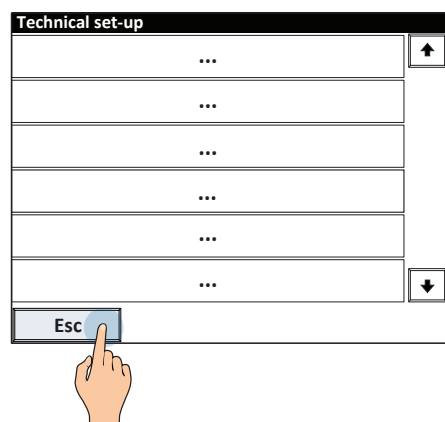
Saving has completed correctly only if the asterisk is present:

Backup of the configuration (*)

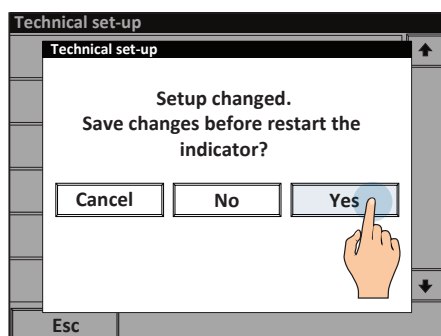
H. Receive configuration with Dinitools.

I. Exit setup and save.

1.



2.



J. Configure each network indicator, repeating the entire procedure shown in step A for each one.

K. During weighing:

- Check correct network operation. If the  network icon appears to the top right of the display, the network works properly.
- Check archive sharing: entering a record in an indicator archive will automatically copy it into the archive of every indicator online, at the same position.



In the event that archives do not align during first connection, alignment will happen automatically.

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