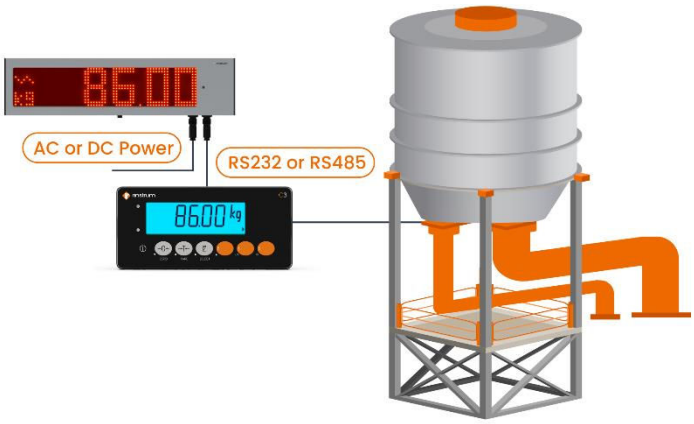
Application

A **C320** connected to a large remote display (D850) is used for tank weighing applications.

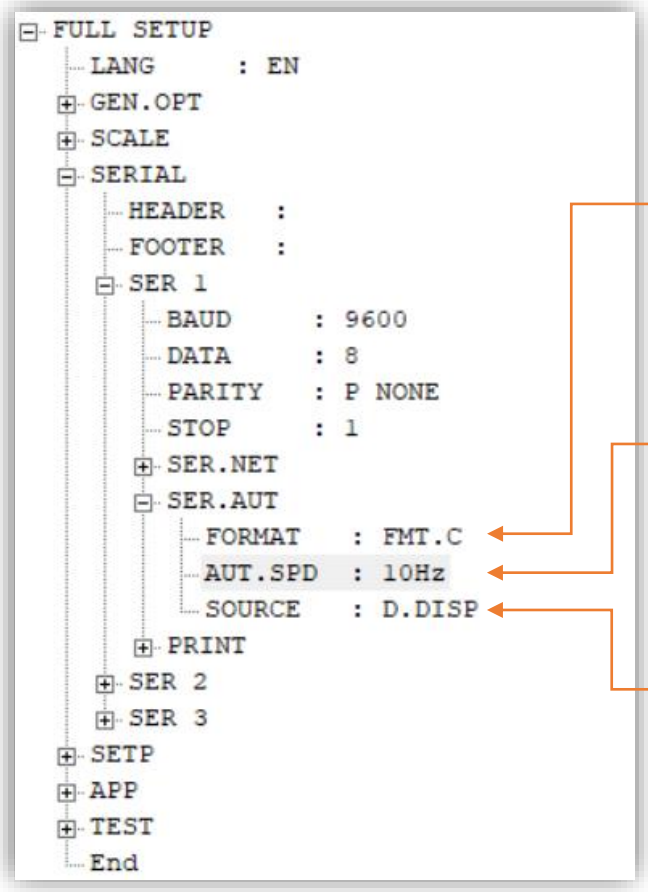


- When the connection is established between the C320 and the remote display, it will mirror the weight shown on the C320 including the unit and decimal points.

If the indicator has any weighing error the display will show the message “ERROR” and when the link is disconnected between the indicator and the Remote display it will show “--//--”.

The remote display connection can be established to the C320 from the setup menu under the serial communication section.

Configuration



When connecting to a Rinstrum remote, select Format C. The other formats allow for different data to be sent and for connection on other manufacturer devices. It can be customised.

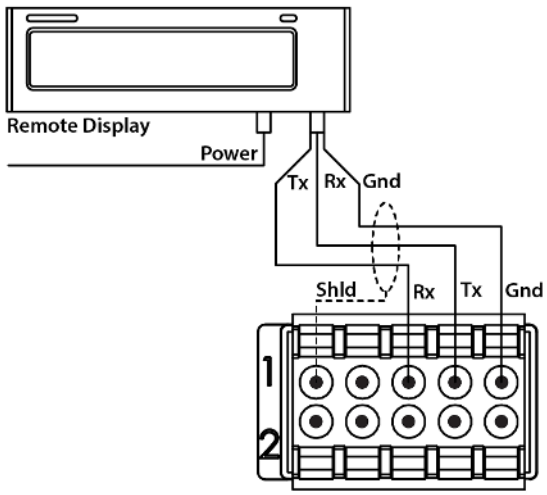
This can be any choice (1-10 Hz or FULL) except SINGLE. (10Hz recommended)

Transmitted weight data can be sourced one of these choices. “D.” is for displayed unit & “P.” is for Primary unit.

Outputs

Indicator serial output should be connected to remote display as Tx to Rx, Rx to Tx and GND through a bulkhead connector.

- **Serial output (RS232 or RS485 module) to a remote display**



- For shorter distances (<10m/ 30ft), the onboard RS232 is suitable.
- For longer distances the RS485 accessory card (M6203) can be used with the C320.
- The scale unit does not require any changes to serial configuration.

*For more information refer to the **C300-600** C320 Reference Manual.*