

This program regulates the filling and emptying of a hopper and adds the weight for every cycle in order to receive the total weight.

Calibrations step Cs11:4 must be chosen.

The program does not work in "multiple range".

Function.

1. Close filling valve when weight \geq limit register 1L, setpoint. Relay 1.
2. Tare when there is no motion.
3. Open emptying valve. Relay 2.
4. When weight is inside zero range and it is no motion, the weight (negative sign) is added to sum register 0S.
5. If needed, printing of weight, sum and number, while the sequence continuous.
6. Tare.
7. Emptying valve closes and filling valve opens.

If 1L is not reached in 1 above, after no motion there is a delay of 5 second, and after this relay 3 is activated, and the programs goes to step 7. Normally the measurement is finished, but it may go on, if there is more material. Relay 3 is deactivated at motion or printing.

When 1L has been reached the first time, all push buttons except S and ENTER are blocked. At this net and gross are on.

This ceases when relay 3 is activated after 5 seconds according to the above.

Key functions.

{ } means key push.

{ENTER} Changes between printing every cycle and no printing.

{F}{90}{ENTER} The program goes to step 7, end printing is performed, 0S and number register 100S (30S in U1172) are set to zero.

{F}{255}{ENTER} Reset, may have to be entered the first time the program is used.

End print.

```
Date      860728
Total     12345
Wgt      -12345678.90 kg
```

Every cycle.

```
No        12345
Partwgt   -123.45 kg
Wgt       -12345678.90 kg
```

Every line is preceded by ASCII sign 14 = SO for double width printing on most printers.

Outputs for U127 (U1172).

Relay 1 is connected on J1:8, (J4:17).

Relay 2 is connected on J1:9, (J4:4).

Relay 3 is connected on J1:10, (J4:5).

Total weight 0S < 0L is on the output chosen at calibration and J1:25, (J4:12).

5 seconds timeout (measurement ready) is on J1:11, (J4:18).

Zero range indication is on J1:6.