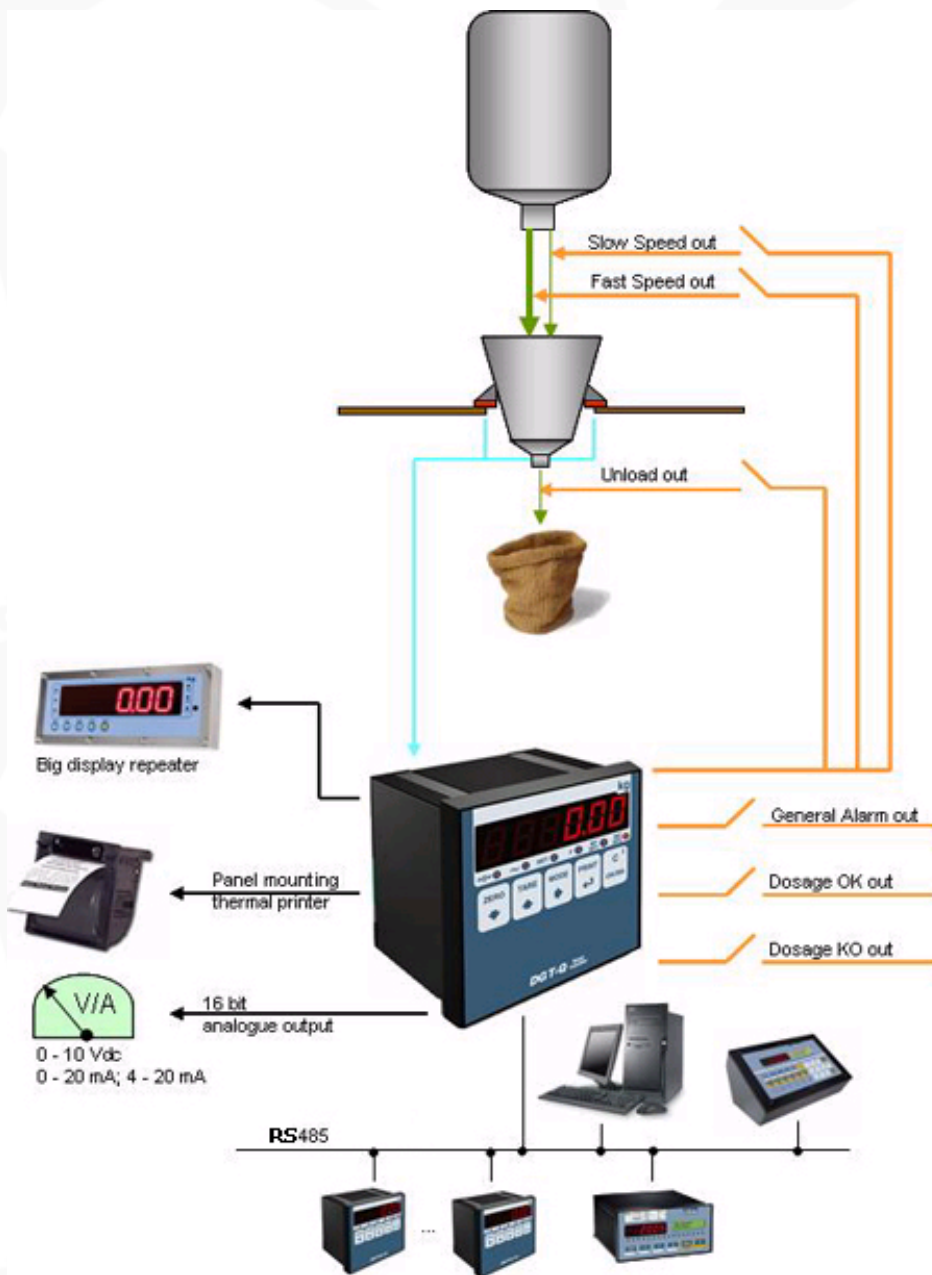
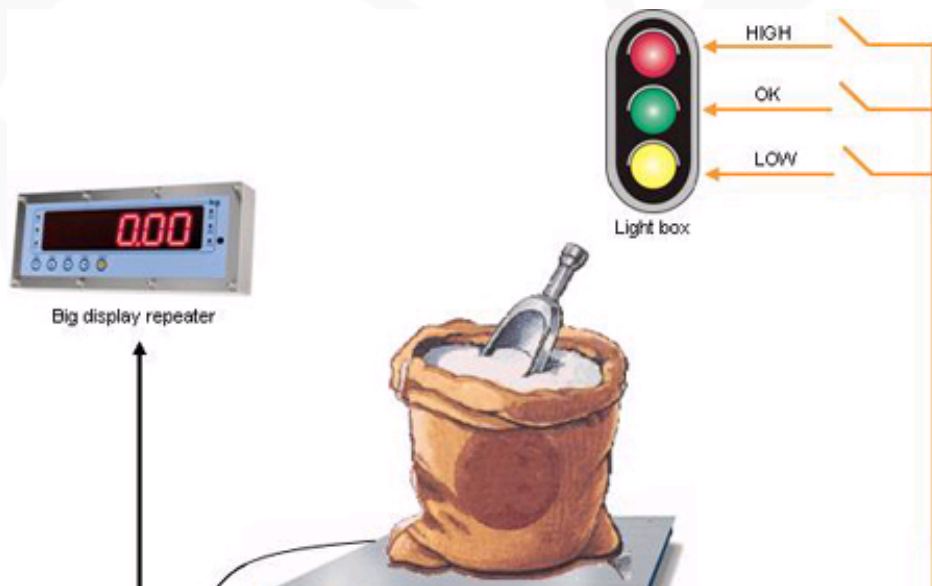


"DGTQF": SINGLE PRODUCT DOSAGE IN LOADING



Automatic dosage in loading



Configuration which allows to manage a dosage system in loading of a single product, useful for dividing the quantity of materials of equal weight, for filling hoppers, extracting precise quantities from a silo, guiding the operator in the manual dosages.

MAIN FEATURES

- Basic functions (clearing, tare, and weight printing);
- **Selectable dosage mode**, either automatic or manually guided;
- **Database of 40 formulas** with target, speed change threshold, flight, +/- tolerance and programmable minimum tare and maximum tare values for each formula;
- **Quick switch of the dosage target**, through a dedicated key.
- **Dual dosage speed (approximate and fine)**, managed through active output in constant mode or with bleeding function, with programmable ON/OFF time;
- **Start / Pause dosage from keyboard or through enabling of the inputs;**
- **Automatic printing of the dosage data.**
- **Storage and printing of the consumptions:** consumption of each formula, consumption of the formulas, dosed general total. Printouts may be quickly recalled from the keyboard.
- **Automatic correction of the flight weight**, with degree of programmable incidence.
- **Programmable number of repetitions of the dosage cycle** or infinite repetition of the dosage cycle.
- **Checking of the tare presence at the dosage start;** the tare values are programmable for each formula.
- **Tolerance test on the dosed weight**, with guided correction through simple messages to the display.
- **Analogue output (optional)**, proportional to the weight or to the dosage speed.
- **Check of the maximum dosage time;**
- **Alarm management.**

FUNCTIONING OF THE AUTOMATIC DOSAGE

- 1) Once the dosage start command is received, the following takes place:
 - the presence of the tare and weight stability is verified
 - the execution of the automatic tare and the enabling of the automation through its dedicated outputs: the dosages start at maximum speed.
- 2) Once the speed change threshold is reached, the dosage is slowed down through the dedicated output.
- 3) When the TARGET is reached, the configured flight weight is missing; the slow dosage output is disabled and then it waits (for the configured time) for the dropping of the material.



- 4) Tolerance test on the dosed weight.
- 5) Storage of the formula consumptions and increment of the dosed general total.
- 6) Complete unloading request, through enabling of dedicated output.
- 7) Fine dosage or automatic restart for following cycle.

FUNCTIONING OF THE GUIDED MANUAL DOSAGE

- 1) Once the dosage start command has been received, the following takes place:
 - the presence of the tare and weight stability is verified
 - the execution of the automatic tare and the yellow light turns on, in other words, the request of material.
- 2) When the weight is again within the lower tolerance level, both the yellow and green lights turn on.
- 3) When the weight is equal to the configured target, the yellow light turns off and the green light remains on.
- 4) If the weight is within the upper tolerance level, both the green and red lights turn on.
- 5) If the weight is over the upper tolerance level, only the red light remains turned on.
- 6) When the weight is again within the set tolerance levels, the operator gives a start impulse in order to continue with the complete unloading of the scale.

TO VIEW ALL THE TECHNICAL FEATURES, SEE THE DGTQF PRODUCT DATA SHEET