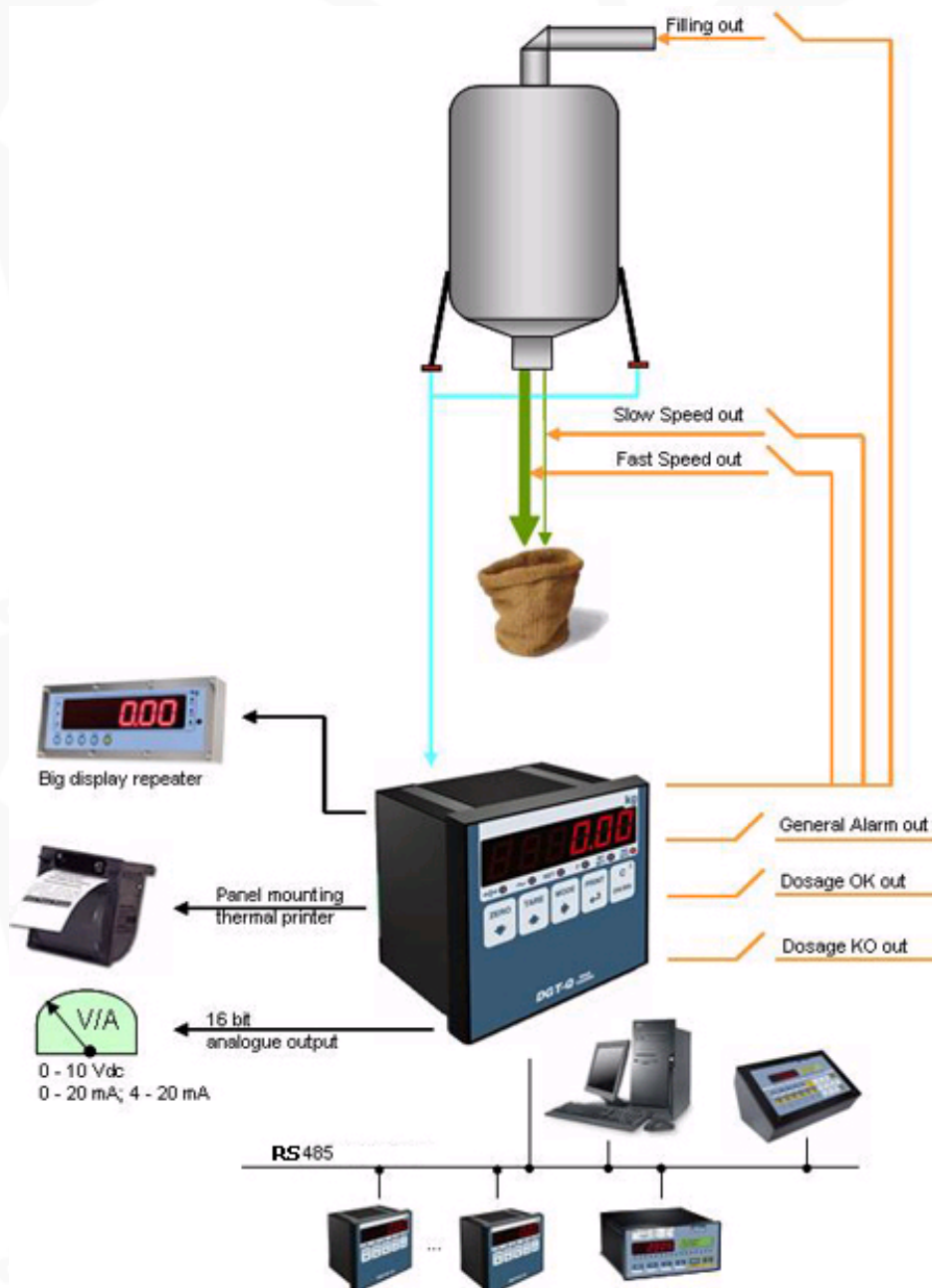


"DGTQF": SINGLE PRODUCT DOSAGE IN UNLOADING



Configuration which allows to manage a dosage system in unloading of a single product, useful for dividing the quantity of materials of equal weight or extract precise quantities from the silo, with management of the reloading.

MAIN FEATURES

- **Basic functions** (clearing, tare, and weight printing);
- **Automatic dosage in unloading;**
- **Automatic management of the reloading of the silo** using a dedicated contact, with programmable filling start and end thresholds;
- **Database of 40 different formulas;** Target, speed change threshold, flight, +- tolerance, programmable for each formula;
- **Quick switch of the dosage target** through a dedicated key.
- **Dual dosage speed** (approximate and fine), managed through output active 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, formula consumption, general total dosed. Printouts may be quickly recalled from the keyboard.
- **Automatic correction of the flight weight,** with programmable incidence degree.
- Number of programmable dosage cycle repetitions; enabling of the infinite dosage.
- **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 and alarm management.**

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

FUNCTIONING OF THE DOSAGE IN UNLOADING:

- 1) Once the dosage start command is received, the instrument:
 - verifies that the quantity of material is sufficient to execute the programmed dosage cycle and that the weight is stable
 - executes the automatic tare and the enabling of the automation through its dedicated outputs: the dosages start at maximum speed.
- 2) Once the speed switch threshold is reached, the dosage slows down through its dedicated output.
- 3) When the TARGET is reached, the configured flight weight is missing; it disables the dosage output, and then it waits (for the configured time) for dropping the material.
- 4) Tolerance test on the dosed weight.
- 5) Storage of the formula consumptions and increment of the dosed general total.
- 6) Waits for the start of the new dosage or automatically restarts with the following cycle.