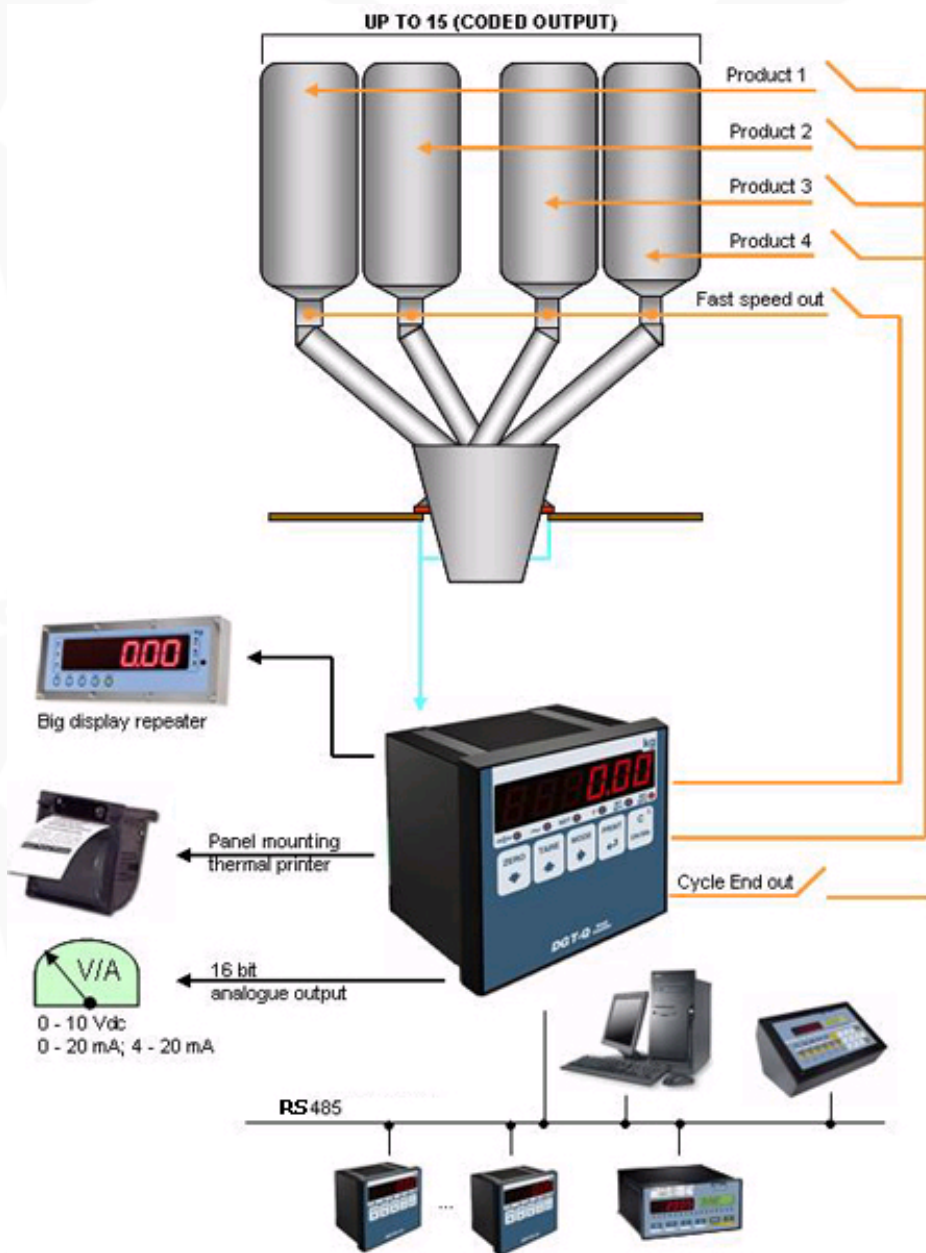


"DGTQF": MULTI-PRODUCT DOSAGE



Configuration which allows the dosage of various products, in loading or unloading, the mixing and the formulation, with the possibility of managing mixers, burners or vibrators using dedicated contacts.

MAIN FEATURES

- Clearing, tare and weight printing functions.
- Database of 16 selectable products/phases which may be:
 - Automatic dosage.
 - Manual dosage, with possibility of managing a control light.
 - Complete or partial unloading.
 - Fractioned unloading, for dividing all the dosed material in equal quantities.
 - Timer, for enabling mixers, burners, or stirrers for a preestablished time period.
 - Pause, for allowing the manual operations of the operator.
 - Manual weight, for adding pre-weighed quantities to the dosage.
- One may assign to each product/phase a direct contact (up to 4 products/phases) or a binary combination of contacts (up to 16 products/phases).
- Database of 15 formulas; each formula can contain 8 products/phases.
- Dual dosage speed (approximate and fine), managed through an output active either in constant mode or in bleeding function, with a programmable ON/OFF time.
- Start / Pause dosage from keyboard or through enabling of external inputs.
- Checking the presence of the tare at the dosage start; the tare values are programmable for each formula.
- Automatic printing of the dosage data.
- Automatic recalculation of the formula targets, by entering the the total weight to be dosed.
- Storage and printing of the consumptions: consumption of each formula, consumption of the formulas, general total dosed. Printouts may be quickly recalled from the keyboard.
- Automatic correction of the flight weight, with degree of programmable incidence.
- Repetitions of the programmable dosage cycles; infinite cycle function.
- 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.

FUNCTIONING OF THE MULTICOMPONENT 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 enabling of the automation through the dedicated outputs: the instrument executes the first phase of the formula.
- 2) once the first phase is finished, the instrument automatically passes to the following phase, executing the automatic tare.
- 3) at the end of the last configured phase, the instrument enables the fine cycle contact and waits for the start of the new dosage, or automatically restarts with the following cycle.

TO VIEW ALL THE TECHNICAL FEATURES, SEE THE [DGTQF PRODUCT DATA SHEET](#)