MULTI COMPONENT DOSAGE

SILO 1 PRODUCT 1
SILO 2 PRODUCT 2
SILO 3 PRODUCT 3
SILO 4 PRODUCT 4

ALARM

START DOSAGE
PAUSE / RESET

ANALOGUE OUTPUT
0-5Vdc ; 0-10 Vdc ; 0 - 20mA ; 4 - 20 mA

FUNCTION 1
For direct management of the dosage speed

FUNCTION 2
For transmission of the dosed weight

RS232
RS485
Modbus
PLC

DGT100 (page 26)
SETHDIN (page 26)
TCP IP / UDP
PROFI232 (page 26)
TPRPC (page 26)
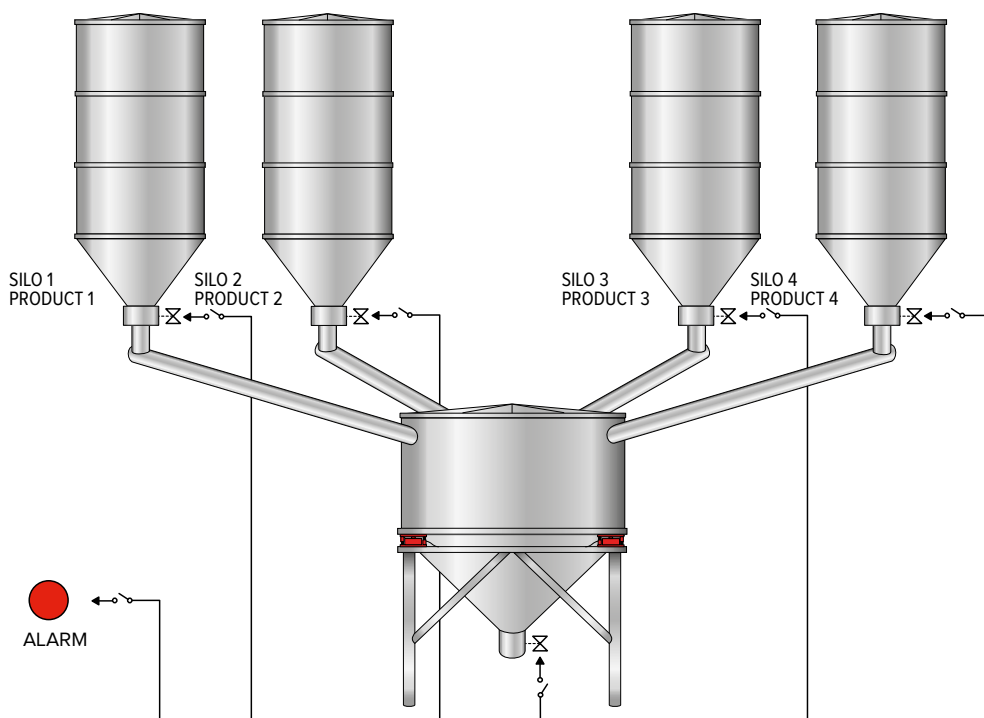
Database 16 products
Database 15 formulas with 8 products each one
4 Direct products with dual speed
3 Direct products with dual speed + Download
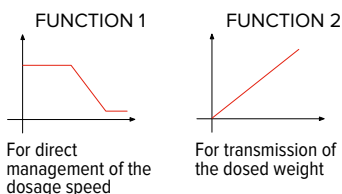**2 Direct products with dual speed + 2 Downloads**

AVAILABLE FOR ATEX ZONE 1 & 21 e 2 & 22

Example of multi component dosage system with DGTQF

FUNCTIONS
OF THE STANDARD PROGRAM

- Database 16 products/phases.
- Database 15 formulas.
- Automatic management of 4 products in filling with dual speed, or 3 products in filling with dual speed and total discharging, or 2 products in filling and 2 discharging etc.

- Checking the presence of the tare at the dosage start.
- Automatic printing of the dosage data.
- Automatic correction of in-flight weight.
- Programmable repetitions of the dosage cycles / infinite cycle function.

- Tolerance test on the dosed weight, with guided correction on display.
- Check of the maximum dosage time.
- Alarms indication on display.

WORK CYCLE

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.