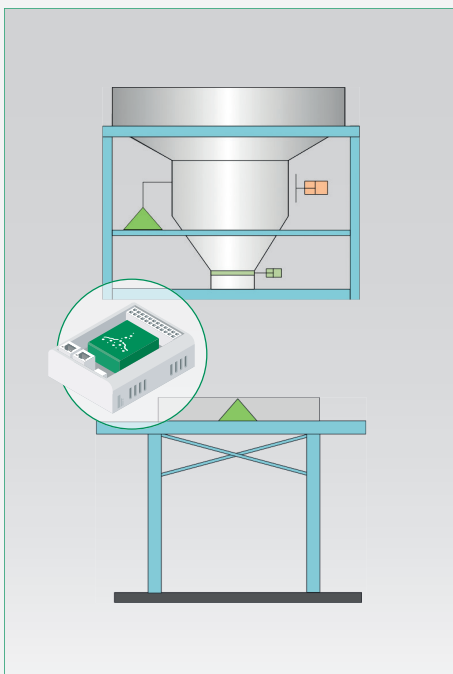
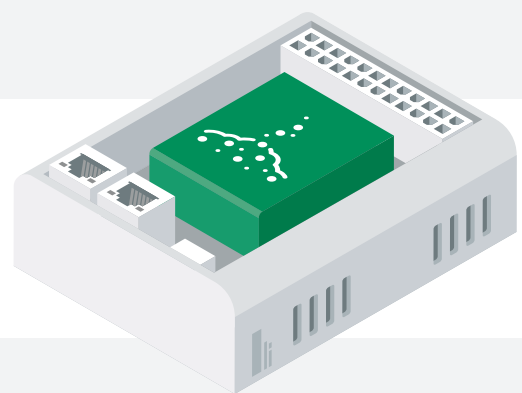


The DE-CONbatch scale control system regulates the batch weighing of filling, hopper and platform scales. Due to the self-learning algorithm, a permanent time optimization is achieved.

DE-CONbatch

Control system for gain in weight feeder



Filling-, hopper- and platform scales

Highlights

- Controls setpoint-accurate weighing according to the „Gain in Weight“ principle
- Supports recipe-controlled weighing and logging of up to 16 raw materials
- Highly accurate weighing due to optimized control sequence
- Two operating modes available:
 - Coarse/Fine (for maximum speed)
 - Time-optimized (for constant dosing behavior)
- Suitable for single and/or multi-component weighing
- System memory for raw material dependent parameters e.g. coarse/fine, tolerances +/-, etc.
- Self-learning algorithm for time optimization with constant batches (automatic lead correction)
- Increased process reliability through optional buttons or in conjunction with scanner systems
- Suitable for weighing bulk materials/raw materials over:
 - Filling scales
 - Platform and bench scales
 - Hopper scales
- Parameterizable discharge process

Features

- Supports the control of BigBag stations (bag emptying stations, silos, additional discharge stations, additional discharge aids (e.g. knockers), filter cleaning, docking system for dust prevention)
- In time-critical processes also as „Loss in Weight“ weighing
- Integrated control of a conveyor system (option)
- Automatic scale calibration
- Control of additional components for product activation (screws, beaters) and dust prevention (filters, extractors)
- Digital filtering of the weight values (detection digital / analog) for an exact calculation of the feeding capacity
- High-resolution weight recording via digital/analog load cells
- Direct connection of load cells (4/6-wire technology)
- Control of frequency inverter serial/analog
- Internal alarm buffer
- Integrated web server for complete configuration and parameterization
- Can be used in the control cabinet or directly in the plant
- 4 digital inputs/ and outputs with a number of standard functions (enable, operating contact, external fault, refill process, alarm, etc.) assignable or available for free use

Communication

- Numerous interface protocols OnBoard and selectable/parameterizable via web server
- Data contents of interface can be adapted flexibly
- Greatest possible flexibility during project planning, since data contents are available on all interfaces

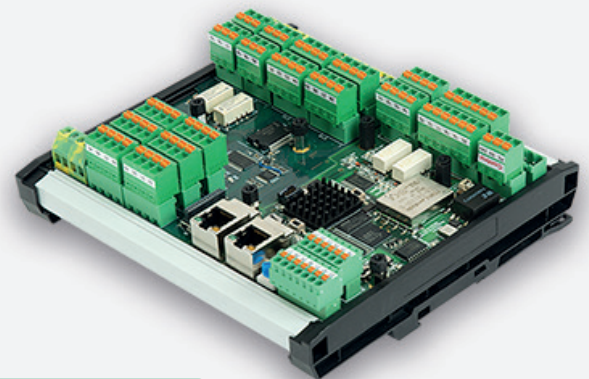
Supported protocols

- Profinet
- Modbus TCP
- Ethernet IP
- EtherCAT
- Profibus
- RK512
- OPC UA
- Serial fieldbus

Options

- Digital/Analog Extensions
- Operating Options
 - DE-COP 5 single (for single operation of a dosing unit)
 - DE-COP 5 multi (for operating up to 6 dosing units)
 - DE-COP 16 (for operating up to 16 dosing units)
 - Provis (Line software: up to 8 lines á 16 dosing units)
 - AIO-Control (Plant visualization = dosing units + other devices)

Our control systems are extremely flexible and fit also to your dosing technology



Not yet realized protocols will be integrated free of charge.

Would you like to learn more about our products? We look forward to advising you.



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