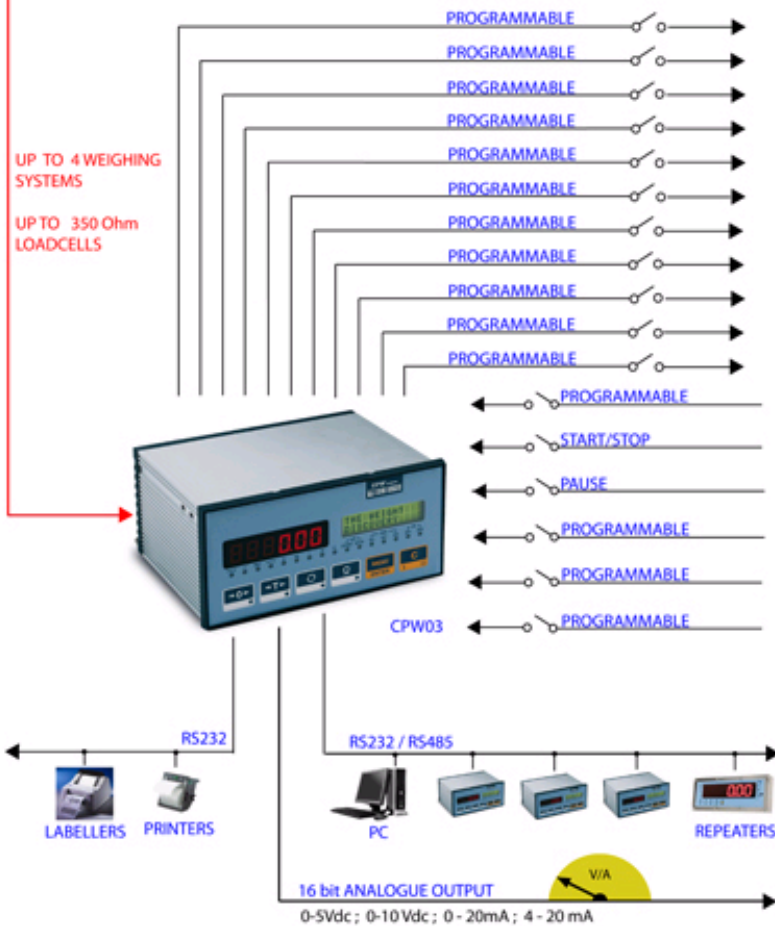
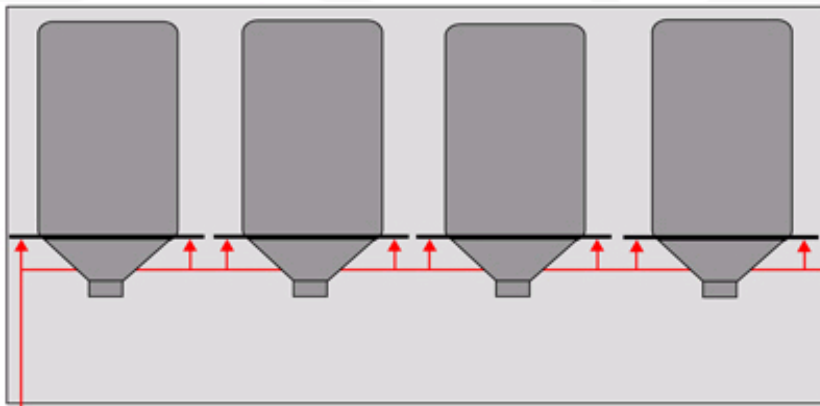


"CPW03": MULTIFUNCTION CPW FOR INDUSTRIAL AUTOMATION



CPW03, multifunction indicator for the industrial automation.

Software version for OEM systems for industrial automation; the fitted inputs and outputs, the wide range of functioning modes, and the available serial commands, allow for a simple interfacing with a PC and PLC, in order to create weighing systems with automation management. Usable as 4-channel digital junction box, or as manager of 4 independent weighing systems. Possibility of implementing the 16 bit analogue output.

BASIC FUNCTIONS

- Scale zero; through dedicated key, serial command, or external input.
- Manual or semiautomatic tare: through dedicated key, serial command or external input.
- Database of 100 recallable tares, programmable through serial line.
- Locked/unlocked tare function or disabling of the tare functions.
- Database of 200 printable articles, with alphanumeric description of 2 lines of 20 characters.
- Keyboard lock/unlock function.
- 15 configurable and printable texts, each of 16 characters, enterable with the keypad or through serial commands.

FUNCTIONING MODES

- Set point on gross weight: the 11 relay outputs can be used for discriminating thresholds or gross weight ranges; the relays can be enabled instantaneously or upon weight stability and can be configured as N.O. or N.C.; it's possible also to distinguish the enabling threshold from the disabling one for each single relay (hysteresis). The set points can be set through the serial line using dedicated commands.
- Set point on the net weight: same functioning as the previous mode, but on the net weight.
- Tolerance control, with targets and weight thresholds settable through the serial line or from keypad; possibility of managing a control light for a clear vision of the checking result.
- Alibi memory (optional), for saving weighs and communication with PC for legal use.
- Multiscale piece counting, with possibility of setting the average piece weight and the reference quantity from keyboard or from PC through dedicated command.
- Accumulation with two total levels.
- Formulation with two total levels.
- Master/Slave: the master CPW continuously interrogates up to 4 CPW slaves, with the possibility of viewing the sum of the 4 or repeat all the functions of the single slave (remote position).
- Simple Input/Output.
- Hold, weight frozen on the display.
- Peak, detection of weight peak, with speed of the adjustable detection device.
- Conversion of the unit of measure into pounds using the function key or external input.
- Switch of display of net weight / gross weight.

AVAILABLE SERIAL COMMANDS

- Weight reading
- Weight reading with sensitivity times 10
- Reading of microvolts relative to the weight
- Reader of converter points relative to the weight
- Tare Execution
- Entry of tare value
- Clear
- Scale clearing
- Setting of the Set point value
- Execution of the printout
- Scale channel switch
- Temporary message visualisation on the display
- Interval setting visualisation on the display
- Setting the PMU
- Setting the activation, target and tolerance

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

- Reading the indicator status
- Reading command of the power supply status
- Scale configuration request
- Key pressing simulation command