

PYTHON 365

WEIGHING UNIT WITH GUIDED LOAD MANAGEMENT

STAD



OPTIONAL AVAILABLE:

- PROFIBUS-DP PROTOCOL;
- PROFINET-IO PROTOCOL;
- USB HOST FOR PEN DRIVE;
- ETHERNET INTERFACE;
- 4IN/8OUT ADDITIONAL MODULE;
- 24 COLUMN PRINTER;
- BIG DISPLAY REPEATER.

MAIN FEATURES OF PYTHON 365

- Memorization of 100 different formulas x 20 steps.
- Capable to programm, in the order that the operator desires, steps for loading product, partial or total unloading, output relay opening/closing, waiting from external input, waiting by time.
- Start via keyboard by setting formula and desired cycles (max 9999).
- Start via external contact, cycles before memorized via keyboard, otherwise start of the first 9 formulas selected by four BCD inputs for a only cycle at a time.
- Selection product's name, fall, slow, tolerance for each product.
- "Out of product" alarm during the batching.
- Minimum stocks check for each product.
- Calculation of consumption and stocks for each product.
- Calculation of production for each formula with cycle's number executed.
- Possibility to batch a only product automatically via keyboard.
- Possibility to execute an automatic unloading, by keyboard, of a quantity prememorized.
- Possibility to execute an assisted manual batching.
- Automatic printout at the cycle end and manual printout of: constants, formulas, consumption, stocks, formula's production.
- Pause of the batching by the keyboard.
- In the event of a power failure during batching, the microprocessor resumes batching from the point of interruption.

TECHNICAL FEATURES

Power supply and consumption	24Vdc 10W		
CPU - Micro controller	RISC 32 bit - 44MHz		
Number of load cells in parallel and supply	max 8 (350 Ω) - 5Vdc / 120mA		
Communication protocol	RS232 / RS485 / USB Device, Ethernet		
A/D converter	24bit		
Protection rating	IP65		
Display resolution	10.000	Analog output	16bit (V e mA)
Internal resolution	up to 600.000	Analog input	24bit (V e mA)
Reading resolution	1x, 2x, 5x, 10x	Working temperature	-10 ÷ +50°C
Logic output	nr.6 photorelè	Storage temperature	-20 ÷ +60°C
Logic output features (cad.)	max 30Vdc - 60mA	Humidity	85% (s.c.)
Logic input	nr.6 optoisolated	Case dimension	196x105x10mm
Logic input features (cad.)	12/24Vdc PNP	Panel hole for monting	187x97mm