

Box for wall mounting (on request)  
IP64 protection rating

### PROGRAM

### CODE

<b>4 SETPOINT</b>		PWS4S
<b>LOAD</b>	12 formulas	PWSC
<b>UNLOAD</b>	12 formulas	PWSS
<b>3 PRODUCTS</b>	12 formulas	PWS3
<b>* 6 PRODUCTS</b>	12 formulas	PWS6
<b>* 14 PRODUCTS</b>	9 formulas	PWS14

\* External 8-relay modules included

### DESCRIPTION

- Weight indicator in DIN box suitable for front panel mounting or in a box for wall mounting (on request).
- Dimensions: 96x96x65 mm (drilling template: 91x91 mm).
- 4-digit semi-alphanumeric red LED display (20 mm height).
- 6+3 signalling LED.
- 5-key keyboard.
- IP64 front panel protection rating.
- Removable screw terminal blocks.
- External 8-relay modules included:
  - for **6 PRODUCTS**: dimensions: 80x160x60 mm; external contacts: 115 VAC 2 A;
  - for **14 PRODUCTS**: dimensions: 80x160x60 mm, 80x120x60 mm; external contacts: 115 VAC 2 A.

### INPUTS/OUTPUTS AND COMMUNICATION

- 4 relay outputs controlled by the setpoint values.
- 2 digital inputs.
- 1 load cell input.

### MAIN FUNCTIONS

- Connections to:
  - 24 column printer via TTL serial;
  - up to 4 load cells in parallel by junction box.
- Reading the load cells value expressed in mV: load cells connections continuous check.
- Digital filter to reduce the effects of weight oscillation.
- Theoretical calibration (via keyboard).
- Tare weight zero setting.
- Password protection: It is possible to enable an internal parameter to protect the access to the calibration and constants programming.

### 4 SETPOINT

- Weight indicator with 4 setpoint can be set by keyboard.
- Hysteresis settable by keyboard.
- Peak holder memorization by closing the peak contact.
- Decimal point: possible positions xxxx; xxx.x; xx.xx; x.xxx.
- Select the contacts as Normally Open or Normally Closed.
- Print of weight, setpoint and constant from keyboard.
- Relays may change state according to either the displayed peak value.

### BATCHING PROGRAM

- 12 different formulas storage (LOAD/UNLOAD/3-6 PRODUCTS).
- 9 different formulas memorization (14 PRODUCTS).
- Automatic fall calculation.
- Tolerance error control.
- Precision batching through tapping function.
- Consumption storage.
- Keyboard printing of constant, formulas and consumption; automatic printing of batching data at the end of every cycle.
- Batching start via keyboard (setting formula and cycle number to be performed).
- Current batching can be interrupted via keyboard or external contact.
- Pause of the batching by the keyboard.

*Only for:*

#### LOAD program

- Autotare after one or more batching cycles selectable by operator.

#### UNLOAD program

- Automatic loading between the minimum and maximum weight values.

#### 3-6-14 PRODUCTS program


- Autotare on the first product.
- Slow contact for a product batching by two different extraction speeds (6 PRODUCTS).

### TECHNICAL FEATURES





Power supply and consumption	230 VAC; 50/60 Hz; 5 VA
Number of load cells • Load cells supply	up to 4 (350 Ω) • 5 VDC/60 mA
Internal divisions	20000
Measure range	-4 mV +16.5 mV
Display range	-999 +19999*
Display increments	x1 x2 x5
Conversion rate	10/s
Relay logic outputs	n. 4 - 115 VAC/2 A
Logic inputs	n. 2
Humidity (condensate free)	90%
Storage temperature	-20 °C +70 °C
Working temperature	-10 °C +50 °C

\* over 10000 divisions the weight will restart from zero and will blink to indicate that the above mentioned value has been surpassed

### CERTIFICATIONS

 Equivalent of the CE marking for the United Kingdom

### OPTIONS ON REQUEST

	DESCRIPTION	CODE
	Power supply → <i>Not available for 14 PRODUCTS</i> - 12 VDC for 4 SETPOINT - LOAD - UNLOAD - 3 PRODUCTS - 24 VDC for 4 SETPOINT - LOAD - UNLOAD - 3 PRODUCTS	
	IP64 box; dimensions 98x125x75 mm; wall mounting → <i>Available only for BASE version</i>	
	External selector switch for selecting 12 groups of 4 setpoints or 12/9 formulas.	EC
	12 groups by 4 setpoint or 12/9 formulas by external contacts.	E