

Weighting control

AEX/CPC3



Description

AEX/CPC3 equipment is a system for continuous micro-processed weighting control, designed for being connected to the extinguishing Panels AE/PX2 showing the weight being measured at every moment on a 4-character display.

Weight is shown in kilograms, with a resolution of 200gr.

It is provided with:

- Output signal to be connected to the supervised loop of Weighting Control of extinguishing Panels.
- Supervised input to connect in series other AEX/CPC3 equipments, in installations where 2 or more cylinders connected to a same Extinguishing Panel are needed to be controlled.
- Control keys for the equipment programming.

Through acoustic and light indications, the following state changes are shown:

- Alarm for weight loss: when the measured weight is lower than the one fixed on the programming.
- Alarm for overweight: when the measured weight is higher than the one fixed on the programming.
- Equipment failures
- Failures in another weighting control equipment connected to it.

Technical characteristics

Electric characteristics:

- Supply voltage: 24 Vcc (28V ... 16V)
- Maximum consumption: 15 mA
- Maximum forward current: 500 mA

Output characteristics:

- Maximum withstand voltage: 28 VDC
- Standby load: 2K7Ω (*Modifiable on request)
- Breakdown load: > 1MΩ
- Alarm load: 2K7 // 1K Ω

Input characteristics:

- Maximum output voltage: 5 VDC
- Standby load: 2K7Ω (*Modifiable on request)
- Breakdown load: > 1MΩ
- Alarm load: 2K7 // 1KΩ

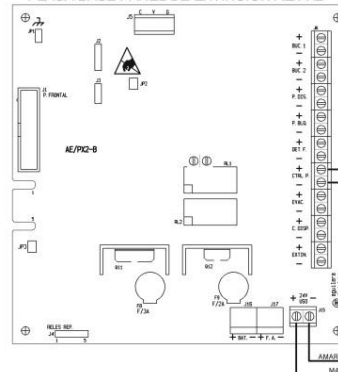
Mechanical characteristics:

- Maximum supported weight: 500 Kg
- Minimum weight: 20 Kg
- Range pitch: 200 g
- Maximum error: 2 Kg

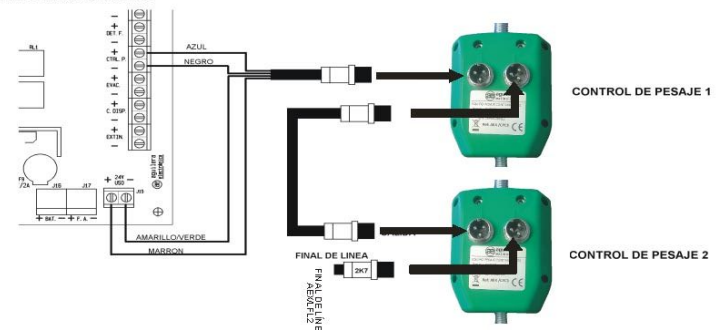
Protection level: IP63

Wiring

PLACA BASE PANEL DE EXTINCION AE/PX2



PANEL DE EXTINCION AE/PX2



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Key functions

Buzzer

The alarm buzzer is activated when the weight of the cylinder is lower than the programmed weight of the alarm.

Selection keys

They select values to be entered in the functions .

Menu keys

For function selection

Display:

Shows the actual weight of the bottle in Kilograms (the last digit is a decimal). It also shows its functions and values when programming the equipment. If the continuous weighing is connected to a remote unit and the alarm goes off, the display will remain intermittent.

Led for correct load

Lit when the weight of the cylinder is correct.

Led for incorrect load

lit in case of alarm, when the weight of the cylinder is lower than the programmed weight of the alarm.

Adjusting tensor

Suspension arch (*not provided)

