

## 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

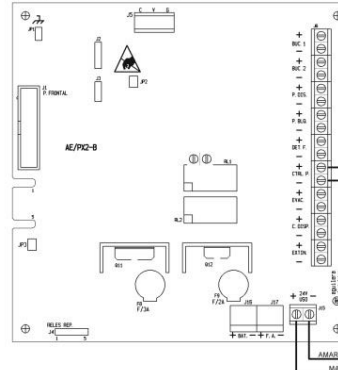
Mechanical characteristics:

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

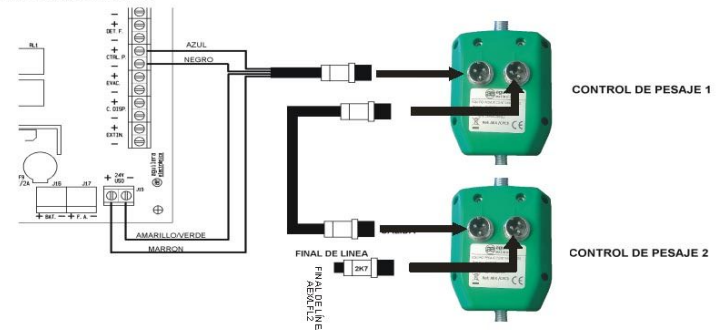
Protection level: IP63

### 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)**

