

## FIRE FIGHTING CONTROL PANEL

### AE/PX2

#### Description

The PX2 SERIES of extinguishing control panels are microprocessed alarm centrals, designed according to European standard EN 12094-1: 2003, composed of:

- Two monitored areas of conventional automatic double detection with three different operating modes:
  - Cross detection.
  - Double detection in one of the loops.
  - Mixed detection by cross detection or double detection in either of the two loops.
- Supervised circuit of remote trigger button.
- Trigger button on the front panel, with protective cover and indicator light.
- Supervised circuit of remote lock button.
- Resettable locking button on the front panel, with protection cover and indicator light.
- Supervised circuit for flow detector.
- Supervised circuit for weighing control or pressure switch.
- Guarded evacuation zone.
- Controlled extinction zone with programmable delay time.
- Programmable flood time control.
- Exit for extinction sign triggered, monitored.
- Reset time lockout control after firing.
- Power supply and battery charger, with mains voltage control, batteries, power, battery charging and auxiliary output.
- Outputs for repeater relays.
- Possibility of connection in algorithmic systems of 2 and 3 wires of Electronic Aguilera by means of interface module placed in the same motherboard.
- Selection of automatic, manual and disarmed operating mode, and access level by means of a security key.
- Internal and external light indicators, as well as an alphanumeric display for presentation of shooting time and menu functions.
- Easy and intuitive operation and programming using three external and two internal keys.
- Programmed values stored in EEPROM memory.



#### TECHNICAL CHARACTERISTICS

##### Environmental Class:

Classification: Class A  
Temp. range: -5°C to + 40°C

##### Dimensions:

Width: 322 mm  
High: 274 mm  
Depth: 123 mm  
Color: RAL9002

Material: AP 011 laminated sheet

Weight: 9 kg with batteries

Degree of protection: minimum IP30

##### Connection:

Cable entries: 26 mmØ tube entries  
150 x 35 mm detachable window at the rear

Cable section: 2.5 mm<sup>2</sup> maximum

##### Feeding:

Supply voltage: 230 V / 50 Hz.  
Recommended cable: H05 VV-F 3 X 1.5mm<sup>2</sup>

Switching source adjustment voltage 28.0 V

Working voltage: 27.2 V

Supply voltage fault: <21.5 V

> 29.5 V

Automatic shutdown: <17.0 V

Maximum source current: 2 A.

##### Batteries:

Battery type: 2 sealed lead-acid rechargeable batteries  
12V / 7Ah connected in series.

Duration: Replace the batteries every 4 years.

Charging current: 0.05 C corresponding to 350 mA maximum.

Charging voltage: 2,275 V per cell, 27.3 V in total

Discharged battery warning voltage: <21.0 V

Deep discharge battery voltage: <16.0 V

Test battery status check: every 10 seconds

Protection: IP30

#### CERTIFICATION

0099/CPD/A70/0033

