

Module for the management of a gas extinction channel, connects directly to the CAN DRIVE bar.

Provides terminals for the management of devices which are commonly requested in this type of installation together with the adequate activation logic. The various functions available on the terminals can be replicated on devices connected to the loop (with the exception of the control of the electrovalve). The indications provided by the IFMEXT module, as well as being visualized on the FPMCPU module display, can also be seen on the LEDs on the front-plate FPMEXT module. IFMEXT modules must be coupled with an FPMEXT signalling frontplate. Each FPMEXT module reports the signals of a maximum of 5 IFMEXT modules. Each PRAESIDIA control panel is capable of managing up to 24 IFMEXT modules. If two or more IFMEXT modules are installed, it will be necessary to have a reserve CPU backup module.

## Hardware Features

- Dedicated CPU for the control of the module and communication with the FPMCPU control-panel module.
- 5 status LEDs.
- Mini USB port.
- HOT SWAP technology.
- N.° 1 input terminal for PRESSURE SWITCH control with programmable functions.
- N.° 1 input terminal for STOP extinction with programmable functions.
- N.° 1 input terminal for MANUAL extinction.
- N.° 1 output terminal for VALVE command.
- N.° 1 output terminal for BLOCKED extinction signal.
- N.° 1 output terminal for PRE-EXTINCTION signal.
- N.° 1 output terminal for EXTINCTION DONE signal.

## Technical specifications

Certified EN 12094 part 1.

Settable resistor values for FAULT, SHORT-CIRCUIT ALARM.

Maximum current on VALVE output 2 A: 27.6V.

Maximum current on output 1 A: @ 27.6V.

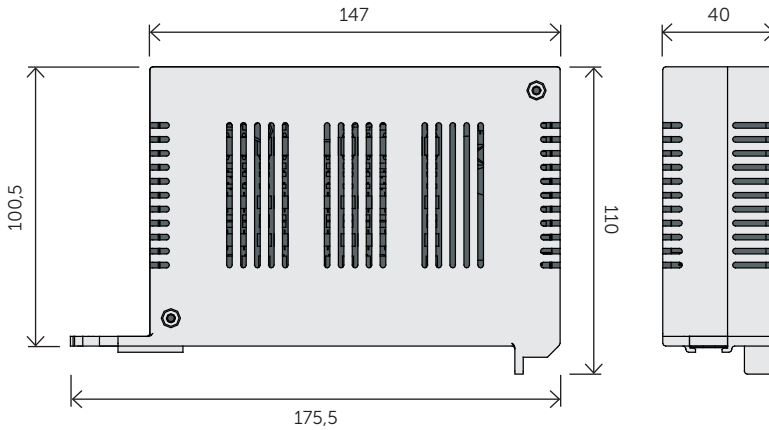
Power supply voltage: 19-30Vcc.

Consumption @ 27.6V: stand-by 30mA max. 80mA.

Temperatura di funzionamento: -5°C ÷ +40°C.

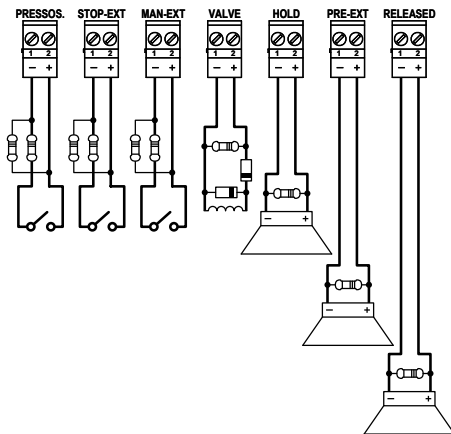
## Dimensions and weight

- Box Dimensions: 18 x 12.5 x 5 cm.
- Weight including packaging: 280g.



Dimensions expressed in mm.

## Wiring Diagram



## ORDER CODES

- IFMEXT**: internal module for the management of 1 extinguishing channel.  
**FPMEXT**: frontplate module for fire-indications relating to fire-extinguishing channels.  
**FPMCPU**: main unit module.  
**PRCABX**: cabinet for housing for IFM and FPM modules.