

ELECTRONIC CONTROL UNIT FOR 3 ZONE GAS DETECTION

USE

The P30 electronic control centre is used for the detection of gas leaks in industrial environments using specific sensors (S71 for natural gas, S72 for cylinder gas, LPG) and is suitable for the control and signalling of the presence of natural gas, city gas, LPG, cylinder gas, etc. in the air.

OPERATION AND INSTALLATION

When the presence of gas exceeding established levels is detected in a room the electronic control centre triggers an electrovalve to stop the gas, at the same time giving an alarm signal, both acoustic and visual. In addition to the internal alarm signal, a signal for a remote warning device is also provided.

Obviously the established level of control is well below the risk limit in order to allow the necessary time to operate, before an explosive mixture of gas becomes dangerous.

The same detector can be connected to three sensors of different types, to control several zones and gases. When there is a gas leak, a visual indication of the zone is provided on the central control panel.

To avoid accidental operation, the alarm and the operation of the interception valve can be delayed for up to 60 seconds, set on the detector device.

TECHNICAL SPECIFICATION

Casing and socket in insulating material

IP 40 protection

Installation : wall or flush mounted, or embedded

Instantaneous: visual with zone indications (red LEDs)

External alarms

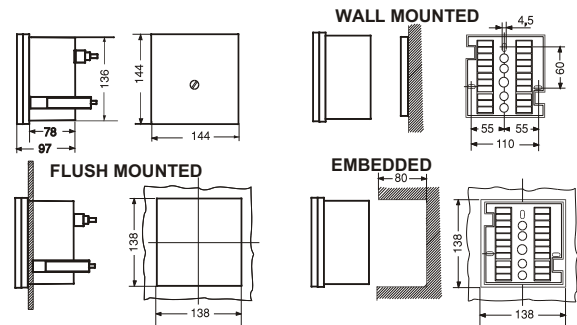
Two SPDT relays with volt-free contacts are available to:

control interception valve

control remote warning alarm



DIMENSIONS AND FIXING SYSTEMS



TYPE	Description	Adjustable alarm delay sec.	Working temperature °C	Protection	Weight each Kg.	Box pcs No
P30A	Electronic control centre for the detection of gas leaks in industrial environments, with three survey zones	0 to 60	-10 to 50	IP40	1.04	

ACCESSORIES

Flush mounting bracket..... Code 303326D

Sensors for the detection of gas :

(See following page)

For the detection of natural gas (light gas)..... S71

For the detection of LPG (liquid gas and heavy gas)..... S72

WIRING CONNECTION

