



Gas alarm manifold

Product description

The SINTESY S120 alarm module is used to control alarms in food-grade gas distribution systems.The device can be mounted on EN 60715 compliant DIN rails, per DIN 43880.The alarm can stand alone or function as a device in a network of other alarm modules connected on a RS485 bus, supplied as standard.It has 9 inputs, normally connected to contact pressure gauges, which are optoisolated to provide high noise immunity.The channels can be configured as Normally Closed (NC) or Normally Open (NO), usually the contacts of the pressure gauges must be closed.

Components

N. 5 optically isolated inputs to provide high noise immunity.
N. 5 24 V DC outputs for input signal remoting.
One 24 V general alarm output, activated whenever at least one alarm is present.
One general alarm output with a relay with NO/NC contacts, activated whenever at least one alarm is present.
One output for remoting acoustic alarm.
One input for configuring inputs as NC (default) or as NO on front panel (solder jumper).
One input for programming temporary or permanent muting (acoustic alarm is restored after 15 minutes).
Green LED for power supply indication.
Yellow LED for medium priority alarm.
Red LED for high priority alarm.
Green LED for serial communication.Acoustic alarm pressure >70dB @ 1 mButton for TEST function on front panel of module (tests all LEDs and acoustic alarm).
MUTE button (temporary muting, max 15 min) to mute alarms on front panel of module.
Protection by fuse inside module.
Operating temperature 10-60 °C; storage temperature 20-70 °C.EN 60601 certification.

Technical data

CODE	N. OF SIGNALS	POWER SUPPLY	WIDTH	HEIGHT	DEPTH	WEIGHT
HQ100	5	230 V	106 mm	90 mm	53 mm	1 kg

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