

Medical gas devices



Valve status alarm

Product description

The SINTESY S120 alarm module is used to control alarms in medical 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. 9 opto-isolated inputs to guarantee high immunity to disturbances.
- N. 9 outputs 24V = for the remote control of the input signals.
- N. 1 cumulative alarm output at 24 V which is activated whenever at least one alarm is present.
- N. 1 cumulative RELAY alarm output with NO / NC contacts which is activated whenever at least one alarm is present.
- N. 1 output for remote acoustic signaling.
- N. 1 input for configuring inputs as N.C. (default) or as N.A. on the front panel (solder jumper).
- N. 1 input for temporary / permanent silencing (ringtone reset after 15 minutes).
- Green signaling LED for power supply.
- Yellow signaling led for medium priority alarm.
- Red signaling LED for high priority alarm.
- Green signaling LED for communication in progress.
- Acoustic pressure of the horn > 70dB @ 1 mt.
- Operation TEST button on the front panel of the module (test of all LEDs and buzzer).
- Alarm MUTE (temporary silencing) button on the module front panel (max. 15 min).
- Protection by fuse inside the module.
- Operating temperature 10/60 ° C ¼ storage temperature 20/70 ° C.
- EN 60601 certification.

Technical data

CODE	POWER SUPPLY VOLTAGE	WIDTH	HEIGHT	DEPTH	WEIGHT
HQ105	230 V	106 mm	90 mm	53 mm	1 kg
HQ106	24 V	106 mm	90 mm	53 mm	1 kg