

SYSG5120 ALARM MODULE ZONE TYPE DATASHEET



- Total Cable Length: 500 meters.
- Small size, guide rail mounting.
- Auto reset function.
- RS485 MODBUS Communication.

Easy Installation and Operation

- Leak detection module is a multifunctional leak detection equipment that can connect 500 meters detection cable.
- The module is small in size and easy to install on the rail or control box. It not only connects to the two-core detection line, but is also compatible with other leak detection probes. With output relay contact signal and RS485 communication function, remote alarm and remote equipment control. It can be integrated with various monitoring systems to achieve.
- The modular circuit system provides not only high sensitivity in detection, but also various highly designed to prevent false alarms caused by external factors and design a unique surge protection function. Uses precision components.

Multi-purpose Design

- Its module is small in size, and all installation and operation can be easily completed without opening the module.
- The module is an alarm mode of automatic reset after the leak is fixed. auto reset alarm indicator, buzzer and relay output follow.
- Stepless adjustment of detection sensitivity, one-touch mute button for alarm and buzzer setting switch
- The module is suitable for air conditioning equipment, computer room, liquid container, pump tank and other occasions where leakage monitoring and alarm are required.

Technical Details

Detection Cable	It can be compatible with all kinds of sensing cables or sensing electrodes.
Detection Cable Length	Maximum cable length is 500m.
Plastic Body	White fireproof ABS, installation in DIN35mm
Dimensions	86x59x52mm; 100g
Detection Sensitivity	0-10K stepless adjustment, sensitivity selection and wide detection range
Power Consumption	12-24 VDC/AC steady state 70mA, alarm state 120 mA
Relay Output	1spdt, rated power 60VDC/2A (normally open and normally closed)
RS485 Output	RS + RS - two-wire communication interface, device address 1-255

Certification

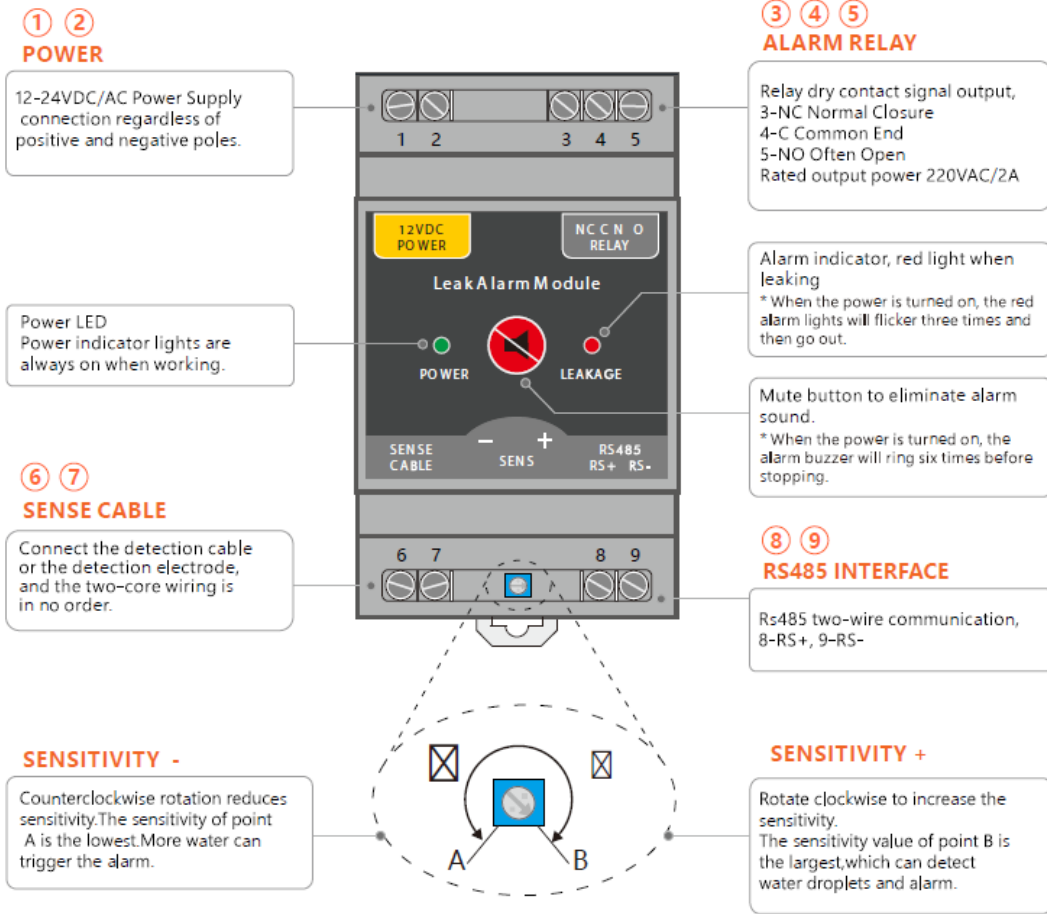


module approved by CE and CAS for use in non-hazardous areas.

SYSG5120 Installation Guide

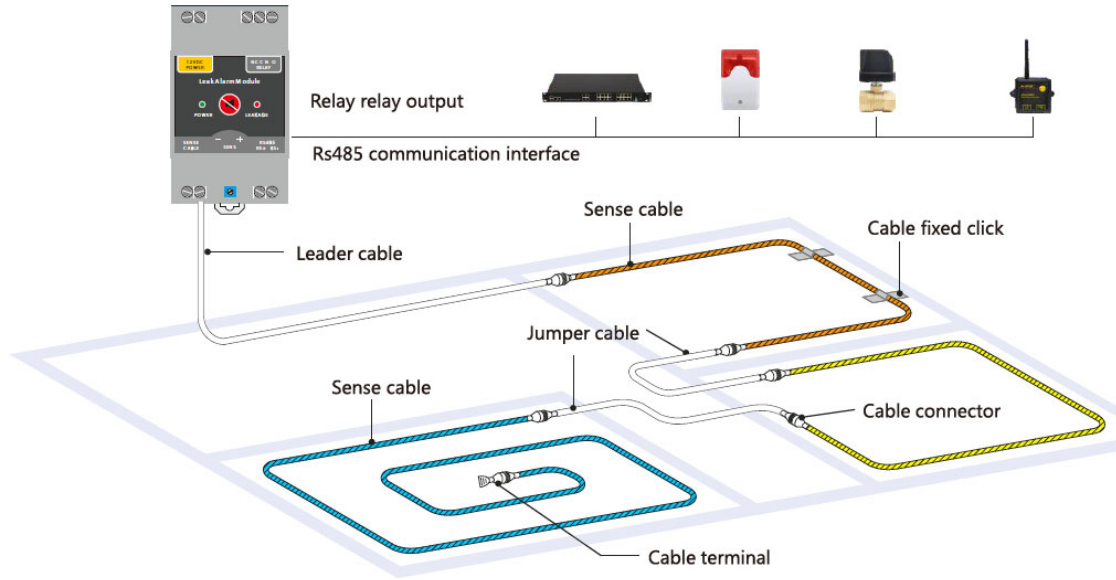
Caution:

** Please carefully confirm the power supply voltage before turning on the power and make sure the power cord is connected to the correct port, otherwise it may cause malfunction of the sensing module.



1. The maximum length of the connection test cable of the sensing module is 500 meters (excluding outgoing and jumper cables).
2. The detection module is in automatic reset mode. It can stop alarming and return to standby status only after the leak hydrolysis has been removed.
3. detection sensitivity is set to normal value and device address is set to 01 by default.
4. The inspection module shell has a non-waterproof design.

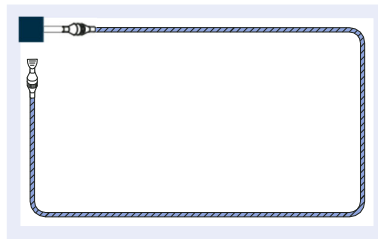
System Diagram



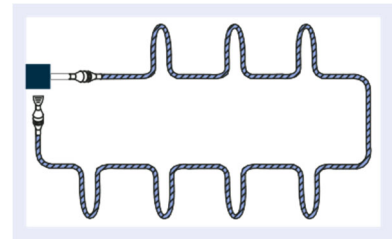
Detecting Cable Layout



Covering the Entire Area

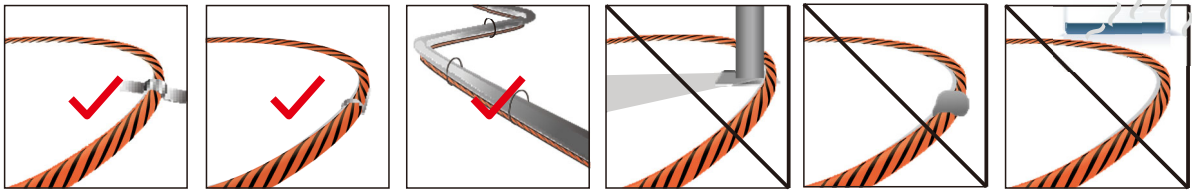


Edge Covering Area



Covering air-conditioned Areas

Sensing Cable Installation



Do not use tools such as glue or plastic for cable fixing, do not lay the cable in front of the ventilation unit. The location of the detection cable should be away from high temperature fire, strong magnetic field environment, wet and dusty environment, be careful not to scratch the cable sheath by all kinds of sharp objects

Liquid Detection Module; It is suitable for leak detection of conductive liquids such as water, acids, alkalis and oils.

PRODUCT SKU	BARCODE	P/N	DESCRIPTION
SYSG5120	8699931601350	7270SE92011	Water Detection Cable

LIMITED PRODUCT WARRANTY

All ExaGate products are covered with 2 years limited guarantee from the date of original purchase. (Warranty duration may change depending on your country) Your sales or delivery receipt, showing the date of purchase of product is your proof of purchase. ExaGate is obliged to repair or replace the defective hardware (or any part of it's) with no charge to owner.

Conditions Void of Warranty

- Damages on unit, cable or screen.
- Defections due to electrical wiring and/or city network.
- Interference to unit by non-authorized staff.
- Any problems caused by act of nature.
- Misusage of unit stated by the user manual.
- Removal or destruction of serial number, warranty labels.
- Any kind of modifications on unit.