

# RS119 Annunciator

## Operation manual

### Summary

RS119 explosion-proof Annunciator is specially designed for gas detectors and other equipment which require function of audio and visual alarm. It adopts professional integrated circuit as its inner chips, functioning stable and also durable. At the top of the annunciator, there is ultra bright LED light-emitting diode with large angle, which is 360 degree clearly visible so that warning could be more effective and then workers can take action immediately in case of any serious accidents. The outer case is explosion-proof, firmly and durable, and also water-proof, quake-proof, and corrosion resistant. with the advantage of small size, light weight and easy to install, RS119 annunciator is the best suitable choice for gas detectors and other equipment of security alarm.

### 1. Specification:

Power:  $DC24V \pm 6V$ ;

Current:  $\leq 60mA$ ;

Light intensity:  $\geq 2400mcd$ ;

Sound intensity:  $\geq 85dB$

Working Life:  $> 3$  years

Working temp.:  $-40^{\circ}C - 70^{\circ}C$ ;

Working humidity:  $\leq 95\%RH$ ;

Material: Stainless steel S304

Installing screw:  $M22 \times 1.5$

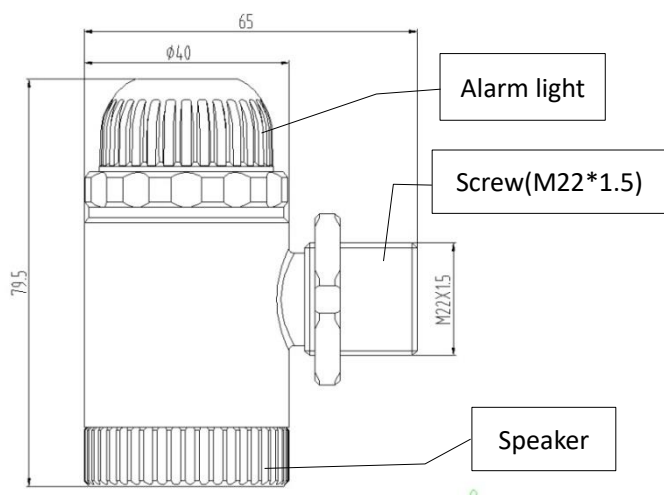
Protection degree: IP66;

Explosion-proof: Ex d mb II C T6 Gb;

Dimension:  $(65 \times 40 \times 81)mm$ ;

Weight: about 0.3 Kg;

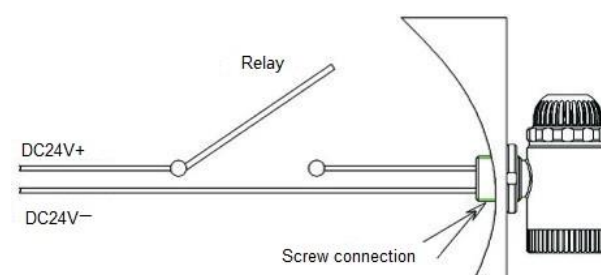
### 2. Structure and dimension



### 3. Installation

The annunciator can be connected with other equipment through threaded fitting( $M22cm$  or  $M20cm$ ).

For power cable connection, there are only two electric wire, red color wire is for positive pole, black color wire is for negative pole. If the two electric wire are connected incorrect, the annunciator would not be damage but it will not work, either.



### 4. Note:

4.1. Before connecting the annunciator, please make sure its power has been cut off.

4.2. The equipment which the annunciator is about to connect with must be reliably and firmly grounded.

4.3. When the annunciator is connected with explosion-proof equipment in Explosion-proof occasion, its connecting must be through Explosion-proof screw, with more than 8 connected screw threads.

4.4. Power range for the Annunciator's working is  $DC24V \pm 6V$ , any power supply out of this range may cause the annunciator damaged.

4.5. The Annunciator have two wire: red wire and black wire, red wire should connect with positive electrode, black wire should connect with negative electrode.

The annunciator will not work with Incorrect connection