

## FEATURES

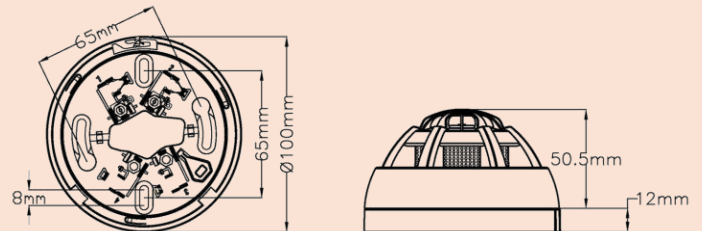
- \* Electronic addressing
- \* 360° visible LED
- \* Principle and function same as VG-6627 & VG-6637
- \* One Sensitivity Mode 2
- \* Classification of A1R and A2
- \* Smoke chamber against interferences
- \* Thermal sensor with high sensitivity
- \* Build-in Drift compensation
- \* Talented plug-in structure without screw
- \* LPCB approval to EN54-5 & EN54-7



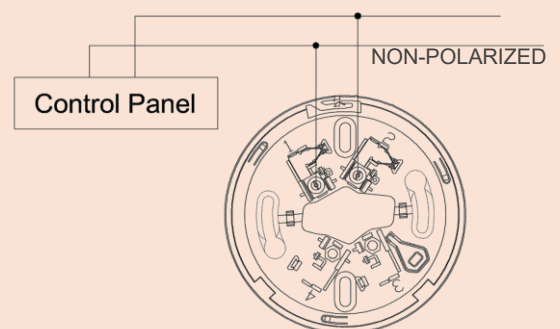
## DESCRIPTION

VG-6647 is a digital type of multi criteria detector, which is fully compatible with V-GREAT Digital Protocol and Intelligent Protocol. This multi-sensor detector contains an optical smoke chamber and a temperature thermistor, whose outputs are combined to give a digital value for a threshold of fire. The smoke function and heat part could be switched "on" or "off" respectively. VG-6647 is condensed with unique and talented design on smoke chamber, thermal sensor, algorithm as well as plug-in structure without screw. It offers good response to both smoldering and flaming fires, which is suitable for most general applications.

## DIMENSION



## WIRING INSTRUCTION



## TECHNICAL DATA

Operating Voltage	16VDC-28VDC	Sensitivity	Mode 2
Standby Current	≤0.5mA	Humidity	≤95%RH, (40±2°C) No condensation
Alarm Current	≤1.0 mA	Indicator	Flash as Standby, Illuminate as Alarm
Temperature range	-10°C ~ 50°C	Wiring	Non-polarized
Classification	A1R/A2	Weight	120g
Material of Enclosure	ABS	Base	VG-6617