



Smoke Detector Technical Data

Fireguard FG 318 series optical smoke detectors are designed to respond to a wide spectrum of fires and ease installation. The FG318 series Multisensors use Advance Photoelectric technology in conjunction with fixed temperature heat sensor to further extend its capabilities as a smoke detector. Every unit is individually tested and calibrated to ensure high reliability and prevent false alarms.

Product Features : LPCB EN54 APPROVED

- 2 or 4 wire models
- Dual LEDs for 360° visibility
- Advanced Photoelectric smoke technology
- Easy installation and maintenance
- Durable sensor head, excellent smoke access.
- Five-year limited warranty
- N/C (normal/close)-N/O (normal/open)selectable relay output

Options:

- AR (Auto Reset) function for security systems (optional for 4 wire models)
- Sensor base option: standard and Shottky Diode
- Remote LED



Sensor Specification :

Model	2/4 wire	Thermal	Voltage DC	Standby Current (Max)	Alarm Current (Max)	Surge Current (Max)	Star-Up Time (Max)	Permissible Current (Max)	Frequency	Alarm contact	Base model
FG 318-2	2		12~35V	35µA	70mA	40µA	60Sec	80 mA	3-5 Sec		P/N852001
FG 318-2-LED	2		12-35V	35µA	70mA	40Ma	60Sec	80 mA	3-5 Sec		P/N852001
FG 318-4-12	4		10.2~13.8 V	35µA	35mA		60Sec	80 mA	3-5 Sec	Form A/B	P/N852001
FG 318-4-24	4		20.4~27.6 V	35µA	35mA		60Sec	80 mA	3-5 Sec	Form A/B	P/N852001
FG 318-2H	2	57°C	12~35V	35µA	70mA	40µA	60Sec	80 mA	3-5 Sec		P/N852001
FG 318-2H-LED	2	57°C	12-35V	35µA	70mA	40µA	60Sec	80 mA	3-5 Sec		P/N852001
FG 318-4H-12	4	57°C	10.2~13.8 V	35µA	35mA		60Sec	80 mA	3-5 Sec	Form A/B	P/N852001
FG 318-4H-24	4	57°C	20.4~27.6 V	35µA	35mA		60Sec	80 mA	3-5 Sec	Form A/B	P/N852001