SD119-4-12

4 Wire Photoelectric Smoke



All of the Sentek's SD119 series detectors meet the requirements of UL 268 and EN 54-7/5 for use in fire alarm signaling systems. They are intended for use in 4-wire Class A or B supervised zone circuits. The SD119 series detectors are subject to panel compatibility limits and compliance with corresponding NFPA 72E standards, local codes, and ordinances.

Parameter	Description
2/4Wire	4Wire
Thermal	-
Voltage DC	10.8~33V
Standby Current (Max.)	80μA
Alarm Current (Max.)	30mA
Surge Current (Max.)	160μA
Star-Up Time (Max.)	30 Seconds
Permissible Current (Max.)	80mA
Frequency	1～3Seconds
Alarm Contact	From A
Base Model	P/N854001
Smoke Sensitivity	0.08~0.2db/m(EN Standard) or 0.98~4.0%/FT Obscuration (UL Standard)
Ceiling Spacing	50 Foot Rating for Heat Sensor
Reset Voltage	Less Than 1 Volt
Reset Time	Less Than 1 Second
Alarm Indicator	LED Continuously Emitting Red Light
Remote Output	25 mA max., Diode Gate
Temperature Range	-10°C to 55°C, UL268 Temperature: 0~37.8°C
Permissible Current	80mA Maximum
Humidity	0 to 95% RH, No Condensation or Icing
Alarm Contact	NO or NC Operation, Form A: 1.0A@30VDC/0.5A@125VAC
Dimensions	100mm (dia) x 46mm (ht) With Base
Weight	130g/Set With Base