




# Explosion-Proof Flame Detector

Product Name	AW-FD701E-UV Explosion-Proof Ultraviolet Flame Detector	AW-FD702E-IR2 Explosion-Proof Dual Infrared Flame Detector	AW-FD703E-UVIR2 Explosion-Proof Combined Ultraviolet And Infrared Flame Detector
Product Picture			
Characteristics	Quick Alarm	Wide Viewing Angle	Wide Viewing Angle Long Distance High Reliability
Application Fields	Military, Factory etc	Tunnel, Oil Depot, Industrial Factory Building etc	Tunnel, Railway Transportation, Oil Depot, Industrial Factory Building Etc
Detection View	120	110	UV120 , IR110
Source Situation	Maximum Detectable Range		/
Gasoline	35	35	35
N-Heptane	50	50	50
Diesel	20	35	35
Kerosene	20	35	35
Aviation Kerosene	20	35	35
Alcohol	20	35	35
Isopropyl Alcohol	15	30	35
Methanol	15	25	30
Polypropylene	15	10	20
The Paper	15	25	25
Methane	20	30	30
Lpg Propane	20	/	20
Hydrogen	25	/	25
Ammonia	20	/	20
Silane	15	/	15
Magnesium Aluminum Metal	/	/	15
Source Size	Response Time		
0.3mx0.3m Gasoline Fire	< 5s (High-Speed Type < 1s)	< 20s (High-Speed Type < 3s)	< 10s (High-Speed Type < 1s)
0.7mx0.7m Gasoline Fire	< 0.5s	< 10s	< 5s
Hydrogen Flame Or Metal Flame	< 3s	/	< 3s
Output Mode	Two Relay Output		4~20mA Current Output / Two Relay Output
Work Voltage	DC24±6V		
Work Environment	-10℃~55℃ (Normal Type) or -40℃~70℃(Enhanced Type) 0~95%RH (40+2℃) (No Condensation)		
Ex-Atex	Exd II C T6 Gb/tD A21 IP66 T80℃		
Level of Protection	IP66		
Electrical Interface	1 X M20 X 1.5mm ISO		