




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	0.1m <sup>2</sup> Fire Plate (0.3m x 0.3m)	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	0.5m (H) x0.2m (W) Gas Flame	20	30	30
Lpg Propane		20	/	20
Hydrogen		25	/	25
Ammonia		20	/	20
Silane	0.3mFlame	15	/	15
Magnesium Aluminum Metal	/	15	/	15
Source Size		Response Time		
0.3mx0.3mGasoline Fire		< 5s (High-Speed Type< 1s)	< 20s (High-Speed Type< 3s)	< 10s (High-Speed Type< 1s)
0.7mx0.7mGasoline Fire		< 0.5s	< 10s	< 5s
Hydrogen Flame Or Metal Flame		< 3s	/	< 3s
Output Mode		Two Relay Output		4~20mACurrent Output/ Two Relay Output
Work Voltage		DC24±6V		
Work Enviroment		-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		