

Optical Flame Detectors



مشخصات فنی و عمومی محصولات

BAST Optical Flame Detectors Technical Specification

Wavelength		UV: 185nm to 260nm, IR: 2.7μm to 5.1μm			
Detection Distance		Fire Dimension (n-Heptane - Pan Fire)		Detection Range	
		Small	33x33 Cm ²	25m	
		Medium	50x50 Cm ²	30m	
		High	100x100 Cm ²	35m	
Angle of View		90° Nominal (Vertical & Horizontal)			
Response Time		≤20mSec (According to IDS-PRF-3713 10-March 2024)			
Different Types		Available in two types: Conventional & Addressable			
Status Indicator		Selectable Alarm (Red) LED & Power (Green) LED : Latching / Non Latching			
Relays Output		Two SPDT Relays (Fire & Alarm) Contact (3A at 30 V _{DC} or 5A at 250 V _{AC})			
Operating Voltage		20 to 30 V _{DC} (Standby: 100mA Max @ 24 V _{DC} normal)			
Detector Type (Housing)		MC.UV-100P (ABS/PC Alloy)	MX.XX-200A (Aluminum)	MX.XX-300A (Aluminum)	MX.XX-300S (Stainless Steel)
Typical Alarm		Alarm LED: Latching	Alarm LED & Relays: Selectable Latching / Non-Latching		
Ingress Protection		IP54	IP65	IP67 & Explosion Proof	
Optical Window Dirty Check		Not Available	Not Available	Available	Available
Self & Manual Test		Not Available	Available	Available	Available
Field of View (Conical)		120°	100°	90°	90°
Humidity Range		<65%	0 to 100%	0 to 100%	0 to 100%
Temperature Range		0 to +45°C	-40°C to +60°C	-40°C to +60°C	-40°C to +60°C
Conduct Connection / Gland		Connect On Base	PG9(IP65 Gland)	M25X1.5(Ex. Gland)	M25X1.5(Ex. Gland)
Weight (With Tilting Unit)		0.09 Kg	0.980 Kg	3.150 Kg	5.150 Kg
Dimensions	Length(mm)	ϕ95	80	139	139
	Width(mm)	-	120	139	139
	Height(mm)	46	95	255	255