

Non-addressable flame detector, 2-wire HYU-FA-CFD001-2



Key Features

- High sensitivity UVtron sensor tube technology
- Surface-mount device circuit board design uses digital ICs for stable and reliable operation
- Solar blind, with an electronic filter to eliminate unwanted alarms from naturally occurring phenomena
- High immunity to electrical noise and RF interference
- Fast response time
- Wide field of view
- Polarity insensitive
- 2-wire system operation
- DC 12V or DC 24V operation
- Connectable to zone monitor for use with addressable control and indicating equipment
- Easy installation. No programming required
- Low maintenance

Specifications

Model	HYU-FA-CFD001-2
Operating voltage	DC (10.8 ~ 33) V
Start-up current	≤ 100 μA
Start-up time	≤ 30s
Quiescent current	30 μA
Quiescent condition indicator	Dual flashing red LED
Alarm current (max)	50mA
Sampling time	(4 ~ 6) s
Alarm condition indicator	Dual red LEDs
Reset voltage	≤ 1V
Reset time	≤ 5s
Field of view	120° cone
UV sensitivity	(185 ~ 260) nm
Alarm response (typical)	30mm gas flame at 4m within 10s
Environmental	
Operating Temperature	-10°C~ +55°C
Operating Humidity	(0 ~ 95) % RH, non-condensing
Storage temperature	-25°C~ +80°C
Storage humidity	(0 ~ 98) % RH, non-condensing
Dimensions (excluding contacts)	∅ 102mm x 45mm
Ingress protection rating	IP-42