


**H**ighly **A**dvanced **S**ensor & **O**ptics

**UV Flame Detector  
RFD-UVS-B**
**SPECIFICATIONS**
General

|                                 |  |
|---------------------------------|--|
| <b>Spectral Response</b>        | Ultraviolet  |
| <b>Detection Range</b>          | 3m for lighter   |
| <b>Response Characteristics</b> | Typical 2 seconds  |
| <b>Temperature Range</b>        | Operating : -40°C to +80°C.<br>Storage : -50°C to +85°C. |
| <b>Humidity Range</b>           | 0 to 95% relative humidity                               |

Electrical

|                                      |   |
|--------------------------------------|---|
| <b>Operating Voltage</b>             | Typical DC24V (18 to 32).                         |
| <b>Power Consumption</b>             | 1.6W maximum at 32 vdc                            |
| <b>Wiring</b>                        | 24AWG(0.205mm <sup>2</sup> )<br>cable recommended |
| <b>Electromagnetic Compatibility</b> | EMC protected                                     |

**SPECIFICATIONS**
Output

|                       |         |
|-----------------------|---------|
| <b>Open Collector</b> |         |
| Fire Alarm            | - 0Vdc  |
| Normal                | - 24Vdc |

Mechanical

|                           |                       |
|---------------------------|-----------------------|
| <b>Dimensions</b>         | 39mm(pi) x 83.5 mm(H) |
| <b>Enclosure Material</b> | Aluminum alloy        |
| <b>Shipping Weight</b>    | 0.2kg                 |
| <b>Color</b>              | silver                |
| <b>Conduit Entry Size</b> | 1/2 inch NPT          |

- *Specifications subject to change without Notice* -