R.K. Instruments & Controls

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Siemens QRA4.U UV Flame Detector

Brand: Siemens | Code/Part No.: BPZ:QRA4.U | Category: UV FLAME SENSOR

Specifications

Type	**QRA4.U**
Product Code	**2508180031**
Detection Principle	**UV Phototube**
Sensitivity Range	**190 – 270 nm (ultraviolet)**
Mounting Thread	**3/4"-14 NPSM**
Conduit Thread	**1/2"-14 NPSM (for protective sleeve)**
Cable Length	**Approx. 1.8 m**
Max Chamber Pressure	**150 mbar**
Operating Temperature	**-20°C to 60°C**
Nominal UV Cell Life	**~10,000 hours at 50°C**
Protection	**IP54**
Weight	**Approx. 180 g**
Compatible Controls	**LFL, LFE1/LFE10, LME7, LMV2/3/5/7 series (via AGQ/AGM adapters)**
Compliance	**CE, UKCA, FM, CSA, RoHS**



Description

The Siemens QRA4.U is a UV phototube flame detector for supervising gas flames and yellow- or blue-burning oil flames, and for ignition spark proving, sensitive to ultraviolet radiation in the 190-270nm range so it stays unaffected by glowing refractory or daylight. Housed in an aluminium body with a 3/4"-14 NPSM mounting thread and 1.8m connecting wires, it fits directly onto the burner or boiler front for intermittent-operation flame supervision. Rated IP54 with a nominal UV cell life of about 10,000 hours at 50°C, it is built by Siemens for use with a wide range of Siemens burner controls including the LFL, LFE and LMV series, alongside compatible flame safeguard units such as the Siemens LFS1.11A2.

Typical media compatibility: CNG, PNG, LPG, Air, Nitrogen — confirm against application before installation.