R.K. Instruments & Controls

TECHNICAL DATASHEET

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Siemens QRA55.E27 UV Flame Detector

Brand: Siemens | Code/Part No.: BPZ:QRA55.E27 | Category: UV FLAME DETECTORS

Specifications

Type	**QRA55.E27**
Product Code	**BPZ:QRA55.E27**
Supply Voltage	**AC 220-240V, 50-60Hz (+10%/-15%)**
Power Consumption	**2.5 VA**
Detection Principle	**UV Phototube (Normal Sensitivity), 190-270 nm**
Detector Tube Length	**69 mm**
Housing	**Die-cast aluminium, bayonet-fit mounting**
Protection	**IP65**
Operating Mode	**Continuous (motorized self-check shutter)**
Ambient Temperature	**-20°C to +60°C**
Connecting Cable	**AGM19 (required, ordered separately)**
Nominal UV Cell Life	**~10,000 hours at 50°C**
Replacement UV Cell	**AGR4 502 4065 0**
Compatible Controls	**LGK16..., LGI16... series (continuous operation)**



Description

The Siemens QRA55.E27 is a continuous-operation UV flame detector that uses an integrated motorized shutter to run periodic self-checks, preventing the sensor from failing in a dangerous flame-on state. Its die-cast aluminium housing carries a 69 mm detector tube (190-270 nm UV spectral range, normal sensitivity) and connects via a separate AGM19 connecting cable, with the AGR4 502 4065 0 replacement UV cell available for servicing. Rated IP65 for ambient temperatures of -20°C to +60°C with a nominal UV cell life of around 10,000 hours at 50°C, it draws 2.5 VA on AC 220-240V, 50-60Hz supply (+10%/-15%). Made in Germany by Siemens, it is designed for continuous-operation burner controls such as the LGK16 and LGI16 series, and directly replaces the discontinued QRA55.C27.

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