R.K. Instruments & Controls

TECHNICAL DATASHEET

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Siemens QRA75.A27 UV Flame Detector

Brand: Siemens | Code/Part No.: BPZ:QRA75.A27 | Category: UV FLAME DETECTORS

Specifications

Type	**QRA75.A27**
Product Code	**BPZ:QRA75.A27**
Supply Voltage	**AC 230V, 50-60Hz (+10%/-15%)**
Power Consumption	**3.2 VA**
Detection Principle	**UV Phototube (Normal Sensitivity)**
Detector Tube Length	**69 mm**
Housing	**Die-cast aluminium, bayonet-fit with mounting clamp (AGG16.C)**
Protection	**IP65**
Operating Mode	**Continuous**
Ambient Temperature	**-20°C to +60°C**
Connecting Cable	**AGM23, 2 m (included)**
Nominal UV Cell Life	**~10,000 hours at 50°C**
Weight	**~700 g**
Compatible Controls	**LMV5, LME75 series (continuous operation)**



Description

The Siemens QRA75.A27 is a continuous-operation UV flame detector designed for supervising gas and oil flames on larger industrial burners. Its die-cast aluminium housing carries a 69 mm detector tube with a bayonet-fit mounting clamp (AGG16.C adapter), supplied complete with a 2 m AGM23 connecting cable. 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 3.2 VA on AC 230V, 50-60Hz supply (+10%/-15%). Made in Germany by Siemens, it is designed for continuous-operation burner controls such as the LMV5 and LME75 series.

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