

Manufacturer Declaration

Siemens AG Building Technologies

Product: UV flame detector QRA5
Approvals: EN 298 / EN 230
Application: Flame detector for Siemens burner controls LGK16 for gas and oil firing systems.

These flame detectors are dedicated for use in safety relevant systems up to SIL3.
The UV-cell AGR 450240650 of QRA5 is designed for a life-time of ≈ 10.000 h (50 °C).
Functionality of QRA5 monitors the end of life as well as safety relevant breakdown (self test by raised testing voltage and alternating shutter).

Parameter as per EN 13849: $MTTF_D = 150$ Jahre
 $PFH_D = \lambda_D = 7,61 \cdot 10^{-7}$

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