

## Manufacturer Declaration

### Siemens AG Smart Infrastructure

Product: UV flame detector QRA7

Approvals: EN 298 / EN 230

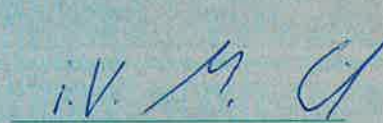
Application : UV Flame detector for Siemens burner management systems LMV5 and burner controls LME75 for gas and oil firing systems. These UV flame detectors are dedicated for use in safety relevant systems up to SIL3.  
The UV-cell AGR 450240650 of QRA7 is designed for a life-time of  $\approx 10.000$  h (50 °C). Functionality of QRA7 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  
 $PFH_D = \lambda_D = 7,61 \cdot 10^{-7}$

Rastatt, May 07, 2020



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