

Manufacturer Declaration

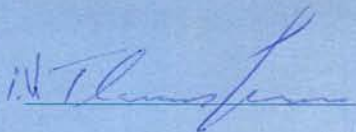
Siemens AG Industry Sector Building Technologies Division

Product: Flame detector QRA5...
Approvals: EN298/EN230
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 ARG450240650 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 EN13849: $MTTF_D = 150$ Jahre
 $PFH_D = \lambda_D = 7,61 \cdot 10^{-7}$

Rastatt, August 22, 2011



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