



Maxon – A Honeywell Company
 201 E. 18th St.
 Muncie, IN 47302

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Certificate of Compliance to IEC 61508

FM Approvals
 Certifies herewith that the

IRIS Models 700AC, 700DC Flame Scanners
 (Safety Manual [66-2069])

Complies with the relevant requirements of standards listed below:

Standards	Description	Compliance
IEC 61508-1 1997	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems- General Requirements	Part 1
IEC 61508-2 2000	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems	Part 2
IEC 61508-3-2000	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems- Software Requirements	Part 3

And therefore

**IS DECLARED "FIT FOR USE" IN A
 1oo1 Low Demand SAFETY APPLICATION**

Models	SIL	HFT	SFF	PFD	λ_S	λ_{DP}	λ_{DU}
P700AC	3	0	>99%	1.79E-4	1.93E-6	8.53E-9	8.20E-9
P700DC	3	0	>99%	1.79E-4	1.36E-6	8.53E-9	8.20E-9

*This certificate is subject to conditions of use presented in FM Approval Report
 Project ID # 0003050024*

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19 August 2014
 Approval Granted

3050024-700