



Maxon – A Honeywell Company
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 Muncie, IN 47302

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Certificate of Compliance to IEC 61508

FM Approvals
 Certifies herewith that the

IRIS Models P531AC, P531DC, P532AC, P532DC Flame Scanners
 (Safety Manual [66-2068])

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_{DD}	λ_{DU}
P531/P532	3	0	>99%	1.94E-4	5.75E-6	8.07E-9	8.89E-9

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

J. E. Marquardt
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 Approval Granted

0003050024-P531/P532