

# Certificate of Compliance to IEC 61508

FM Approvals  
Certifies herewith that the

IRIS Models P522AC, P522DC Flame Scanners  
(Safety Manual [SM-522])

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 SIL 3, 2 or 1  
1oo1 Low Demand SAFETY APPLICATION

Model	PFD	SFF	$\lambda$ S	$\lambda$ DD	$\lambda$ DU
P522AC	2.03E-4	>99%	4.49E-6	8.33E-9	9.28E-9
P522DC	2.03E-4	>99%	4.49E-6	8.33E-9	9.28E-9

*This certificate is subject to conditions of use presented in FM Approval Report  
Project ID # 3039295*



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Approval Granted



Member of the FM Global Group

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