

Certificate of Compliance to IEC 61508

FM Approvals
Certifies herewith that the

IRIS Models P531AC, P531DC, P532AC, P532DC Flame Scanners
(Safety Manual [SM-532])

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

PFD	SFF	λS	λDD	λDU
1.94E-4	>99%	5.75E-6	8.07E-9	8.89E-9

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



Patrick Byrne
Technical Team Manager
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062

February 18, 2011
Approval Granted



Member of the FM Global Group

3039295-P531/P532