



Certificate of Compliance to IEC 61508

FM Approvals
Certifies herewith that the

Single-Point Combustible Gas Monitor
Model IR4000S
(Safety Manual [MANIRSAFETY])

Complies with the relevant requirements of standards listed below:

Standards	Description	Compliance
IEC 61508-1 2010	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems- General Requirements	Part 1
IEC 61508-2 2010	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems	Part 2
IEC 61508-3-2010	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems- Software Requirements	Part 3

And therefore

IS DECLARED "FIT FOR USE" IN A SIL 2 or 1
1oo1 Low Demand SAFETY APPLICATION

Models	SIL	HFT	SFF	PFD	λ_s	λ_{DD}	λ_{DU}
IR4000S	2 or 1	0	98%	3.6×10^{-5}	1.45×10^{-6}	1.08×10^{-6}	2.87×10^{-8}

*This certificate is subject to conditions of use presented in FM Approval Report
Project ID 3034949, 3055292*

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Date



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