



General Monitors Inc
26776 Simpatica Cr
Lake Forest, CA 92630
United States



Certificate of Compliance to IEC 61508

FM Approvals
Certifies herewith that the

Infrared Point Combustible Gas Detector
Model IR400
(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 3, 2 or 1
1oo1 Low Demand SAFETY APPLICATION**

Models	SIL	HFT	SFF	PFD	λ_s	λ_{DD}	λ_{DU}
IR400	3, 2, 1	0	>99%	3.75×10^{-5}	2.1×10^{-6}	2.25×10^{-6}	2.64×10^{-8}

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


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18 May 2015

Date