



C E R T I F I C A T E

Certificate no. 14-SIL-0010101-02-TIC

WE HEREBY CERTIFY THAT

Product description FIRE EXTINGUISHING AEROSOL GENERATOR SYSTEM

Models SERIES FP – FirePro & SERIES FBN FireBan

Manufacturer FirePro Systems Limited

6 koumandarias & Spyrou Araouzou Street, Tonia Court
No.2, 6th Floor 3036 Limassol - CYPRUS

License holder GASTEC-VESTA S.r.l.

Via Stravazza 3 ang. Via per Cantalupo – 21040 Origgio VA ITALY

IS IN COMPLIANCE WITH THE REQUIREMENTS OF THE STANDARDS

IEC 61508 Parts 1÷7:2010

AS RESULT OF THE ASSESSMENT ACCORDING TO THE PROVISION
SET OUT IN THE ABOVE-MENTIONED STANDARDS

Summary Report no. RR-0617-SIL-TIC-PC-0010009-15-01

Expiry date 01.08.2020 **First issuing** 12.06.2014

Note This certificate is issued upon the request of the manufacturer as voluntary certification; it does not include production surveillance. This certificate is valid for the product assessed, as referred in the following annex. This certificate does not allow the manufacturer to use the safety mark of TÜV INTERCERT.



Eng. Andrea Vivi
TÜV INTERCERT Certification Body

Reggio Emilia, 02.08.2017

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ANNEX to Certificate no. 14-SIL-0010101-02-TIC

Product included for similarity without retest and additional assessment

SERIES FP	SERIES FBN	Housing Steel Shape	Activation	SERIES FP	SERIES FBN	Housing Steel Shape	Activation
FP-20SE	FBN-20SE	Cylinder	Electrical	FP-2000	FBN-2000	Box	Electrical
FP-20T	FBN-20T	Cylinder	Electrical	FP-2000T	FBN-2000T	Box	Electrical / Thermal
FP-20TH	FBN-20TH	Cylinder	Electrical / Thermal	FP-2000S	FBN-2000S	Box	Electrical
FP-40S	FBN-40S	Cylinder	Electrical	FP-2000TS	FBN-2000TS	Box	Electrical / Thermal
FP-40T	FBN-40T	Cylinder	Electrical / Thermal	FP-3000	FBN-3000	Box	Electrical
FP-80S	FBN-80S	Cylinder	Electrical	FP-3000T	FBN-3000T	Box	Electrical / Thermal
FP-80T	FBN-80T	Cylinder	Electrical / Thermal	FP-3000S	FBN-3000S	Box	Electrical
FP-100S	FBN-100S	Cylinder	Electrical / Thermal	FP-3000TS	FBN-3000TS	Box	Electrical / Thermal
FP-200S	FBN-200S	Cylinder	Electrical / Thermal	FP-4200T	FBN-4200T	Box	Electrical
FP-500S	FBN-500S	Cylinder	Electrical / Thermal	FP-4200TS	FBN-4200TS	Box	Electrical / Thermal
FP-1200	FBN-1200	Box	Electrical	FP-5700	FBN-5700	Box	Electrical
FP-1200T	FBN-1200T	Box	Electrical / Thermal	FP-5700T	FBN-5700T	Box	Electrical / Thermal
FP-1200S	FBN-1200S	Box	Electrical	FP-5700S	FBN-5700S	Box	Electrical
FP-1200TS	FBN-1200TS	Box	Electrical / Thermal	FP-5700TS	FBN-5700TS	Box	Electrical / Thermal

Parameter assessed

Type	A	HFT	0
SFF	> 90%	DC	0 %
PFDavg	4.39×10^{-4}	Mode of operation	Low Demand Mode
Safety functions	Valve will move to the designed safe position within the specified time. (safe position)		
Architectural constraints	Route 1 _H :	Applied	Route 2 _H :
	The product can be used in: • single channel configuration: up to SIL 2 without external diagnostic tests • double channel configuration: up to SIL 3		

Remarks:

- For further details, including environmental conditions, limitations of use, lifetime, failure rates traceability, mean repair times, common cause factors and systematic capability constraints, make reference to Safety Manual FP000SM Rev. 1.

END OF CERTIFICATE


 Eng. Andrea Vivi
 TÜV INTERCERT Certification Body

Reggio Emilia, 02.08.2017