



C E R T I F I C A T E

Certificate no. 18-SIL-0010028-02-TIC

WE HEREBY CERTIFY THAT

Product description PRESSURE TRANSMITTERS
Series KS
Manufacturer GEFRAN S.p.A.
Via Sebina 74 – 25050 Provaglio d'Iseo BS

IS IN COMPLIANCE WITH THE REQUIREMENTS OF THE STANDARDS
**IEC/EN 62061:2005 + A1:2013 + A2:2015 + EN
62061 / EC:2010**

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

Report no. RC-0519-SIL-TIC-PC-0010028-18-01
Expiry date 30.05.2022

Note This certificate is issued upon the request of the manufacturer as voluntary certification; it does not include the production surveillance.
This certificate does not allow the manufacturer to use the safety mark of TÜV INTERCERT.

Reggio Emilia, 31.05.2019



Dipl. Ing. Feridoon Sergizzarea
TÜV INTERCERT Certification Body



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ANNEX to Certificate no. 18-SIL-0010028-02-TIC

Safety functions	1. Correct reading and transduction of pressure to individuate overpressure. Reading and transduction is considered correct when it is within the specifications declared in the datasheet and in the operating manual
Mode of operation	High Demand Mode

Results		
Parameter	Value	Measuring unit
Architecture	1001	--
HFT	0	--
β factors	Not relevant	--
λ_{DD}		
Current output	1,56E-08	1/h
Voltage output	1,56E-08	1/h
λ_{DU}		
Current output	6,53E-08	1/h
Voltage output	6,62E-08	1/h
SFF		
Current output	90,47	%
Voltage output	90,32	%
PFH		
Current output	6,53E-08	1/h
Voltage output	6,62E-08	1/h
SIL	2	--

The product can be declared as compliant to: **IEC/EN 62061 SIL CL 2**

Remarks:

- These result must be considered in combination with SIL and λ_D values of other devices of a safety-related system in order to determine suitability for a specific SIL.

END OF CERTIFICATE

Reggio Emilia, 31.05.2019


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