

# CERTIFICATE

This certifies, that the company

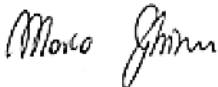
**Gefran S.p.A.**  
**Via Sebina, 74**  
**25050 Provaglio d'Iseo (BS)**  
**Italy**

Is authorized to provide the product mentioned below

Description of product: **Pressure transmitter series KS, KH**

In accordance with: **IEC/EN 62061:2021**

Registration No 21 22064 02  
Test Report No PS-22064-21-L-02 Rev. 1  
File reference 22064-02 Rev.1



TÜV NORD Italia S.r.l. (TÜV NORD Group)  
Via Turati, 70 - 20023 Cerro Maggiore (MI)



[www.tuev-nord.it](http://www.tuev-nord.it)

Validity  
from 2022-09-23  
until 2024-12-22

Cerro Maggiore, 2022-09-23  
[prodotto@tuev-nord.it](mailto:prodotto@tuev-nord.it)

Please also pay attention to the information stated overleaf

TNI-QF(IND-SIL-01)-14-Rev00\_01\_03\_2020-Certificate\_Type A

# ANNEX

Annex 1, Page 2 of 2

To Certificate-Nr. 21 22064 02

<b>Safety functions</b>	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
<b>Mode of operation</b>	High Demand Mode

Parameter	Results	
	Value	Measuring Unit
Architecture	1001	--
HFT	0	--
$\beta$ factors	Not relevant	--
$\lambda_{DD}$		
Current output	1,56E-08	1/h
Voltage output	1,56E-08	1/h
Ratio-metric voltage output	1,65E-08	1/h
$\lambda_{DU}$		
Current output	6,53E-08	1/h
Voltage output	6,62E-08	1/h
Ratio-metric voltage output	6,74E-08	1/h
SFF		
Current output	90,47	%
Voltage output	90,32	%
Ratio-metric voltage output	90,30	%
PFH <sub>D</sub>		
Current output	6,53E-08	1/h
Voltage output	6,62E-08	1/h
Ratio-metric voltage output	6,74E-08	1/h
SIL	2	--

The product can be declared as compliant to:	<b>IEC/EN 62061 SIL 2</b>
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<b>Remarks:</b>	<ul style="list-style-type: none"> <li>These results must be considered in combination with SIL and <math>\lambda_D</math> values of other devices of a safety-related system in order to determine suitability for a specific SIL</li> </ul>
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