

C E R T I F I C A T E

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: **Melt pressure sensor series M, K, W**

In accordance with:

EN IEC 62061:2021

IEC 61508:2010

IEC 61511-1:2016 + A1:2017, IEC 61511-2/3:2016 (as far as applicable)

Registration No 21 22064 01
Test Report No PS-26309-25-M-02
File reference 26309-02



TÜV Nord Italia S.r.l (TÜV NORD Group)
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Validity
from 2025-09-18
until 2028-09-17

Cerro Maggiore, 2025-09-18
prodotto@tuev-nord.it

Safety functions	1. Correct measurement and transduction of the pressure reading, within the specifications declared in the datasheet and in the operating manual, by comparison with a fixed upper threshold
Mode of operation	High Demand Mode

Results		
Parameter	Value	Measuring Unit
Architecture	1oo1	--
HFT	0	--
β factors	0,05 (when using the product in 1oo2 architecture)	--
λ_{DD}		
Current output	7,83E-07	1/h
Voltage output	7,83E-07	1/h
λ_{DU}		
Current output	1,51E-07	1/h
Voltage output	1,51E-07	1/h
SFF		
Current output	93,70	%
Voltage output	93,66	%
PFH		
Current output	1,51E-07	1/h
Voltage output	1,51E-07	1/h
SC	2	--
SIL	2	--

The product can be declared as compliant to:	EN IEC 62061 SIL 2, IEC/EN 61508 SIL 2
Remarks:	The above results 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