

Il costruttore  
The manufacturer  
Le fabricant  
Der Hersteller

**Gefran SPA**  
**Via Sebina, 74**  
**25050 – Provaglio d'Iseo (BS) – Italy**

Dichiara sotto la sua esclusiva responsabilità che i prodotti GEFRAN riportanti la marcatura "CE":  
Declares on his own responsibility that GEFRAN products with the "CE" mark, series:  
Déclare sous sa responsabilité que les produits GEFRAN avec le marquage "CE":  
Erklärt hiermit, dass die GEFRAN - Produkte mit "CE" - Kennzeichnung:

**HIX, Melt pressure transducer, SIL2 version**

Con estensione a tutti i modelli descritti dalla seguente sigla di ordinazione:  
With extension to all the models described from the following order code:  
Avec l'extension à tous les modèles décrits dans le code de commande suivante:  
Mit der Erweiterung auf alle Modelle in der folgenden Reihenfolge Code beschrieben:

**HIX - A - B - C - D - E - F - G - H - S - I - J - K**

ORDER CODE CONFIGURATION

Field "A"	0, 1, 2	Field "F"	1, 4
Field "B"	A, B, S, M	Field "G"	1, 2, 3, 4, 5, 6, 7, 8
Field "C"	6, 8, N	Field "H"	0, A, B, C, D, E, F, G, H, I, J, K, L
Field "D"	H, M	Field "I"	E, 0
Field "E"	B01D, B02D, B35U, B05D, B07D, B01C, B02C, B35D, B05C, B07C, B01M, P15D, P03C, P05C, P75D, P01M, P15C, P03M, P05M, P75C, P10M, P15M	Field "J"	4, 5, 6
		Field "K"	If present an identification for custom product

- sono in accordo con le Direttive Comunitarie e con la relativa legislazione nazionale di recepimento
- are manufactured according with the Community Directives and the related National Legislation of conception
- ont été fabriqué selon les Directives Communautaires et avec la relative législation national de conception
- mit den im folgenden genannten Richtlinien übereinstimmen

α) 2011/65/EU and its amendments - Restriction of the use of certain hazardous substances (RoHS)

β) 2014/30/EU Electromagnetic Compatibility (EMC)

δ) 2006/42/EC Machinery (MD)

θ) 2014/34/EU ATEX Directive

- e che sono state applicate le seguenti (parti/articoli di) norme armonizzate
- and that the following (parts/articles of) harmonized standards and regulation have been applied
- et que les normes (parties/articles de) harmonisée suivantes ont été appliqués
- die folgenden Normen Anwendung finden

α) EN 50581:2012 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

β) EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements

β) EN 61326-2-3:2013 Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-3: Particular requirements - Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning

δ) EN 62061:2005/AC:2010/A1:2013/A2:2015, Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems

δ) IEC 61508: 2010, Functional Safety of Electrical/Electronic/Programmable Electronic Safety-related Systems (E/E/PE, or E/E/PES)

δ) IEC 61511-1: 2016/A1:2017, Functional safety - Safety instrumented systems for the process industry sector - Part 1: Framework, definitions, system, hardware and application programming requirements (as far as applicable)

δ) IEC 61511-2: 2016, Functional safety - Safety instrumented systems for the process industry sector - Part 2: Guidelines for the application of IEC 61511-1:2016 (as far as applicable)

δ) IEC 61511-3: 2016, Functional safety - Safety instrumented systems for the process industry sector - Part 3: Guidance for the determination of the required safety integrity levels (as far as applicable)

θ) EN IEC 60079-0:2018, Explosive atmospheres - Part 0: Equipment - General requirements

θ) EN 60079-11 :2012, Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

θ) EN 60079-26 :2015, Explosive atmospheres - Part 26: Equipment with Equipment Protection Level (EPL) Ga

CE Marking date: 16.09.2021

Marking, Type of protection

Ambient temperature



II 1 G, Ex ia IIC T6, T5, T4 Ga  
II 1 D, Ex ia IIIC T<sub>200</sub>85°C, T<sub>200</sub>100°C, T<sub>200</sub>110°C Da,  
IP65

-20°C +60°C (T6/T<sub>200</sub>85°C)  
-20°C +75°C (T5/ T<sub>200</sub>100°C)  
-20°C +85°C (T4/ T<sub>200</sub>110°C)

EU type certificate:

DNV 21 ATEX 81471

Atex Notification

CESI 02 ATEX 121 Q

Notified body:

0722 CESI

Date:	BU Manager Marcello Perini
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