

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:

HWX, Melt pressure transducer, FS over 500 bar, SIL 2 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:

HWX – A – B – C – D – E – F – G – S – H – I – J

ORDER CODE CONFIGURATION	
Field "A"	0, 1, 2, 3, 4
Field "B"	6, 8, N
Field "C"	H, M
Field "D"	B07C, B01M, P10M, P15M
Field "E"	1, 2, 3, 4, 6
Field "F"	0, 1, 2, 3, 4, 5, 6, 7, 8, H, M
Field "G"	0, A, B, C, D, E, F, G, H, I, J, K, L
Field "H"	E, O
Field "I"	4, 5, 6
Field "J"	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 nationale 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
 - ε) 2014/68/EU Pressure equipment (PED)

- 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 60079-0 :2009, Explosive atmospheres - Part 0: Equipment - General requirements
- θ) EN 60079-11 :2012, Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
- θ) EN60079-26 :2007, Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga

Based on the technical evaluation performed the product is compliant with EN 60079-0:2012+A11:2013 and EN 60079-26:2015 as they have not introduced any significant changes.

CE Marking date: 30.04.2020

Marking, Type of protection

Ambient temperature



II 1 G, Ex ia IIC T6, T5, T4 Ga
II 1 D, Ex ia IIIC T85°C, T100°C, T135°C Da,
IP65

-20°C +60°C (T6/T85°C)
-20°C +75°C (T5/ T100°C)
-20°C +85°C (T4/ T135°C)

EU type certificate:

DNV 13 ATEX 3894
Atex Notification
CESI 02 ATEX 121 Q

Notified body:
0722 CESI

Date:	BU Manager Marcello Perini
Gefran SPA Via Sebina, 74 - 25050 Provaglio d'Iseo (BS)	Tel. +39 030 9888 1 - Fax +39 030 9839063 P. IVA 03032420170