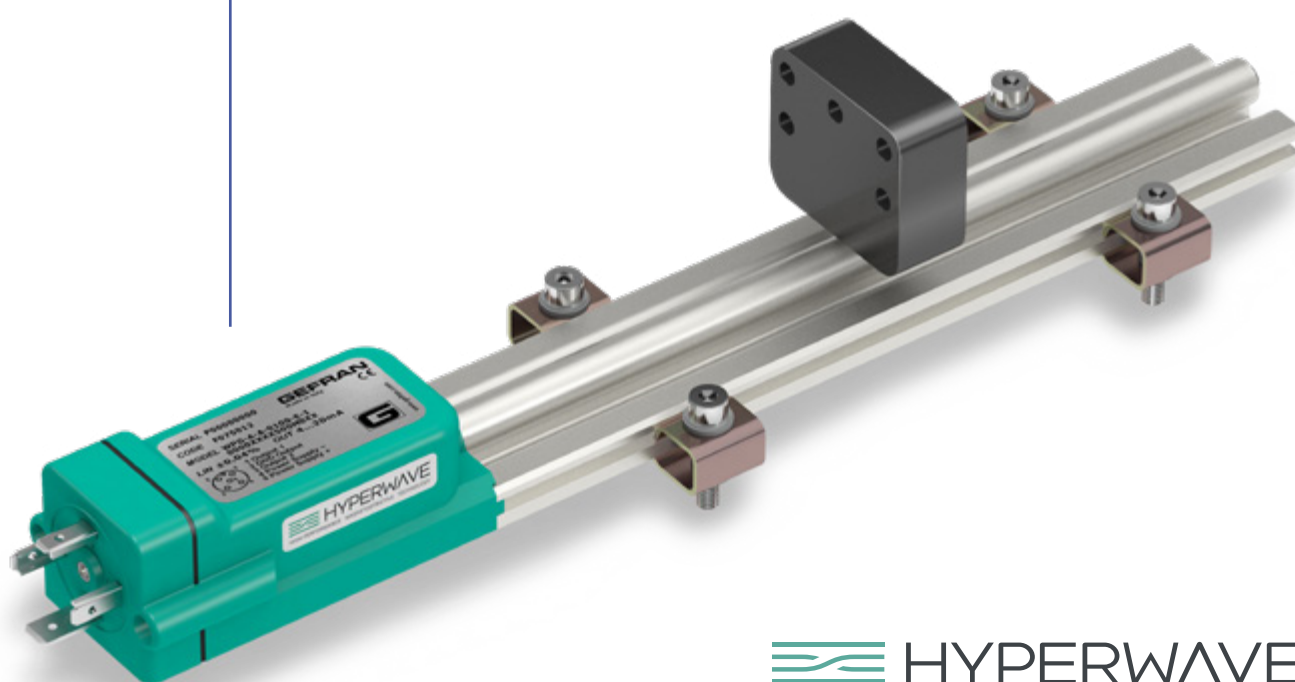


CONTACTLESS MAGNETOSTRICTIVE LINEAR POSITION TRANSDUCERS



 **HYPERWAVE**
HIGH-PERFORMANCE MAGNETOSTRICTIVE TECHNOLOGY

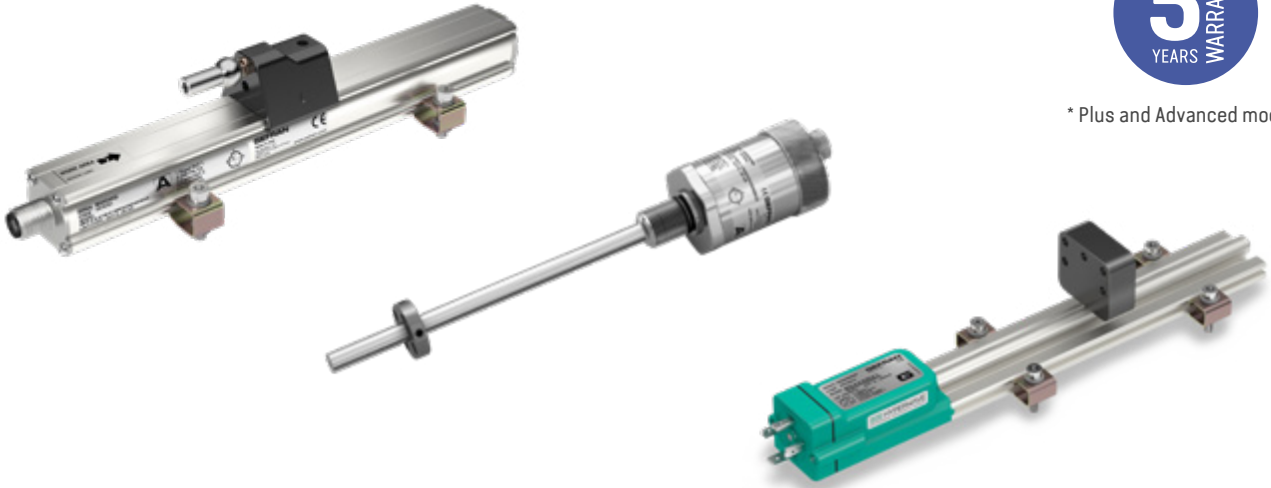
GEFRAN
BEYOND TECHNOLOGY

CONTACTLESS MAGNETOSTRICTIVE LINEAR POSITION TRANSDUCERS

HYPERWAVE
HIGH-PERFORMANCE MAGNETOSTRICTIVE TECHNOLOGY



* Plus and Advanced models



SHOCK

100g -11 ms
single shock
DIN IEC68T2-27



SIGNAL AMPLIFICATION

High mechanical amplification via
primary element
(vs. previous series)



RESOLUTION

0.5µm



THERMAL DRIFT

≤ 20 ppm FS/°C



SIGNAL STABILITY

~1000Vm/9µV



COMPATIBILITY

Magnetically with others
transducers



VIBRATIONS

15g/ 10...2000HZ
DIN IEC68T2-6



TEMPERATURE MAX

85° - 90°C



CERTIFIED



IMMUNITY

EN 61000

TECHNICAL DATA

Model	GENERAL		PLUS				ADVANCED			
	WPG-A	WRG-A	WPP-A	WPP-S	WRP-A	WRP-S	WRA-A	WRA-S	WPA-A	WPA-S
Strokes	from 50 to 1500 mm		from 50 to 2500 mm				from 50 to 4000 mm			
Linearity	≤ ± 0,04% FS		≤ ± 0,02 % FS				≤ ± 0,01 % FS			
Resolution	Infinite		16 bit	20, 40 µm	16 bit	20, 40 µm	16 bit	0,5...40 µm	16 bit	0,5...40 µm



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