

MECHANICAL / ELECTRICAL DATA

MODEL		25	50	75	100	125	150	200	250	
Useful electrical stroke (C.E.U.) + 1 / -0	mm	25	50	75	100	125	150	200	250	
Theoretical electrical stroke (C.E.T.) ± 1	mm	C.E.U. +1								
Resistance (C.E.T.)	kΩ	1	2	3	4	5	6	8	6	
Independent linearity (within C.E.U.)	± %	0,2	0,1	0,1	0,1	0,05	0,05	0,05	0,05	
Dissipation at 40°C (0W at 120°C)	W	0,5	1	1,5	2	2,5	3	3	3	
Maximum applicable voltage	V	20	40	60						
Mechanical stroke (C.M.)	mm	C.E.U. +5								
Case length (A)	mod. PZ12 - S	mm	74,5	99,5	124,5	149,5	174,5	199,5	249,5	299,5
	mod. PZ12 - A	mm	102	127	152	177	202	227	277	327
	mod. PZ12 - F	mm	74,5	99,5	124,5	149,5	174,5	199,5	249,5	299,5
Recommended distance between brackets (B)	mm	42	67	92	117	142	167	217	267	
Minimum distance between ball-joints (C)	mm	153	178	203	228	253	278	328	378	
Weight	mod. PZ12 - S	g	45	55	65	75	85	95	115	135
	mod. PZ12 - A	g	70	80	90	100	110	120	140	160
	mod. PZ12 - F	g	60	70	80	90	100	110	130	150

ELECTRICAL CONNECTIONS

Cable output

blue

yellow

brown

Connection side

INSTALLATION INSTRUCTIONS

- Respect the indicated electrical connections (DO NOT use the transducer as a variable resistance)
- When calibrating the transducer, be careful to set the stroke so that the output does not drop below 1% or rise beyond 99% of the supply voltage.

ORDER CODE

Displacement transducer **PZ12**

Mounting by brackets	S
Mounting by selfaligning ball-joints	A
Mounting by flange	F

Model

Example: **PZ12 - S - 25**
Displacement transducer model PZ12, mounting by brackets, useful electrical stroke (C.E.U.) 25mm

No certificate attached	0
Linearity curve to be attached	L
Cable length 1 mt	0
Cable length 2 mt	2
Cable length 3 mt	3
Other lengths on request
Colour of plastic heads (green)	0
Colour of plastic heads (black)	N

0 0 0 X 0 0 0 X 0 0

STANDARD ACCESSORIES

	Code
2 mounting brackets for PZ12-S	STA074

GEFRAN spa reserves the right to make any kind of design or functional modification at any moment without prior notice