



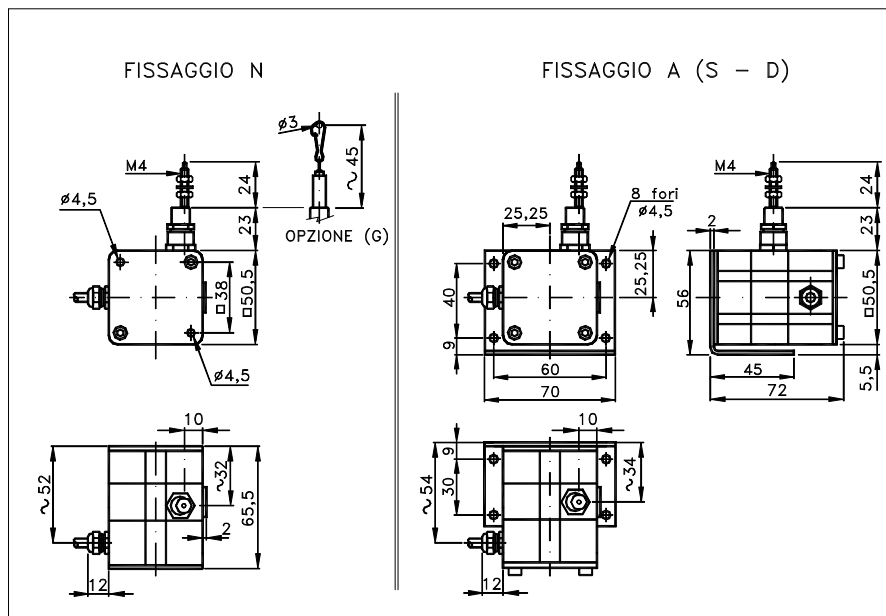
COMPACT CABLE TRANSDUCER FOR THE MEASURING OF LINEAR DISPLACEMENTS
FROM 0 TO 1250 mm WITH GOOD SOLIDITY AND SIMPLICITY OF USE MATCHING
A LOW COST. PATENTED MANUFACTURE.

POTENT./INCREMENTAL
CABLE ENCODER
0 ÷ 1250 mm

F5C

Sized draw standard version: CV

Family: L data sheet IF 022 E0B
Dimensions without tolerance according to UNI ISO 2768-mk



TECHNICAL FEATURES AND POSSIBLE CONFIGURATIONS

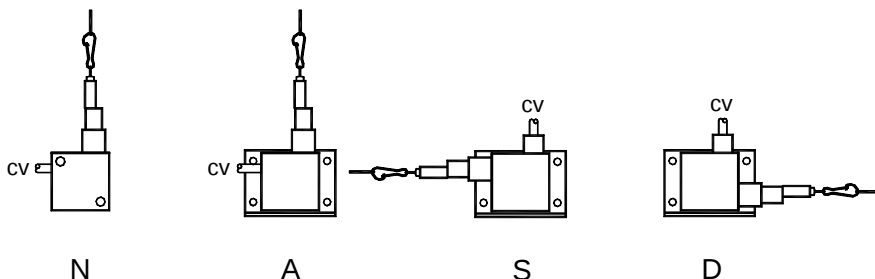
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|---|---|
| <ul style="list-style-type: none"> - Standard length.....: 0 ÷ 1250 mm - Weight.....: 330 g - Pullout cable force.: <4,5 N - Pullin cable force.: <3,5 N - Max reading speed....: 1 m/s - Max linearity error.: ±0,25% f.s. (*) - Repeatability.....: ±0,15% f.s. (*) - Resolution.....: infinita; 0,1 mm (incremental) - Protection class....: potent.: IP 54 mech.: IP54 (°)
output: see 'CONNECTION' page 2 | <ul style="list-style-type: none"> - Impact resistance.....: 50 G x 11ms - Vibration resistance.: 12 G (10 ÷ 2000 Hz) - Operating temperature: -20÷+80 °C (*) - Storage temperature...: -30÷+80 °C - Housing.....: aluminium - Cable.....: Ø 0,51 mm stainless steel - Potent.temp.coeffic...: ±100 ppm/°C - Voltage divider utilization range ~ 3% ÷ 97% |
|---|---|

(°) IP according to CEI EN 60529, EN 60529, IEC 529

(*) custom options

POSSIBLE FIXING

ELECTRONICS



CODE	DESCRIPTION
W	
6	
7	
8	

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ORDERING INFORMATION

OUTPUTS		CABLE		CONNECTOR		CABLE END CONNECTOR	
(W)	POTENTIOM. 1k (3)	(CV)	1 m long	(CQ2)	4c	(VM)	7c normal
(6)	Iu = 4÷20 mA (5)	()		()		(TM)	7c sealed
(7)	Vu = 0÷10 V	()		()		(VL)	10c normal
(8)	Vu = 0÷5 V	()		()		(TL)	10c sealed
()		()		()		(VD)	9c
(I)	INCREM. (6)	TERMINAL BOX		()		(VH)	12c ccw
		()		()		(VH5)	12c cw
		()		()		(VI)	12c crimped
		()		()		(VE)	5c
		()		()		(VK)	17c normal
		()		()		(TK)	17c sealed
		()		()		(VN)	12c
		()		()		(VH6)	12c cw
		()		()		(VM5)	26c
		()		()		(VM9)	16c
		()		()		(VS)	12c
		()		()		(VD5)	9c screened

OPTIONS	MODEL	NOMINAL WIRE LENGTH	FIXING	POWER SUPPLY	ELECTRONIC	CONNECTION	CABLE LENGTH
L/	F5C 050	-	N	-	W	CV	01
		(1)		NOT FOR (W) ELECTRONIC		(2)	
		(050) 500 mm (075) 750 mm (100) 1000 mm (125) 1250 mm () () () () () () () ()	(N) WITHOUT BRACKET (A) WITH BRACKET AND WIRE ON TOP (D) WITH BRACKET AND WIRE ON RIGHT (S) WITH BRACKET AND WIRE ON LEFT	(5) 5 Vcc ±5% (4) (12) 12 Vcc ±5% (24) 24 Vcc ±5%		(01) 1 m (standard) (02) 2 m (03) 3 m (04) 4 m (05) 5 m	

G Spring catch w. pulley (M) (X) Custom Options	Product manufactured according to UNI EN ISO 9001:2008, supplied with CHECKING and CONFORMITY declaration with CE mark and with TWO (2) YEARS WARRANTY starting from delivery date.
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- (1) Preferential values
 (2) For further information see CONNECTION data sheet
 (3) Value reached at the MAXIMUM WIRE EXTENSION
 (4) Only for ELECTRONIC (8) 0÷5V or INCREMENTAL
 (5) Only for POWER SUPPLY (24) 24V ±5% or (530) 5÷30V
 (6) Only for WIRE LENGTH max 1000 mm and POWER (5) 5V or (24) 24V