



COMPACT CABLE TRANSDUCER FOR THE MEASURING OF LINEAR DISPLACEMENTS
FROM 0 TO 1500 mm WITH GOOD SOLIDITY AND SIMPLICITY OF USE MATCHING
A LOW COST. PATENTED MANUFACTURE.

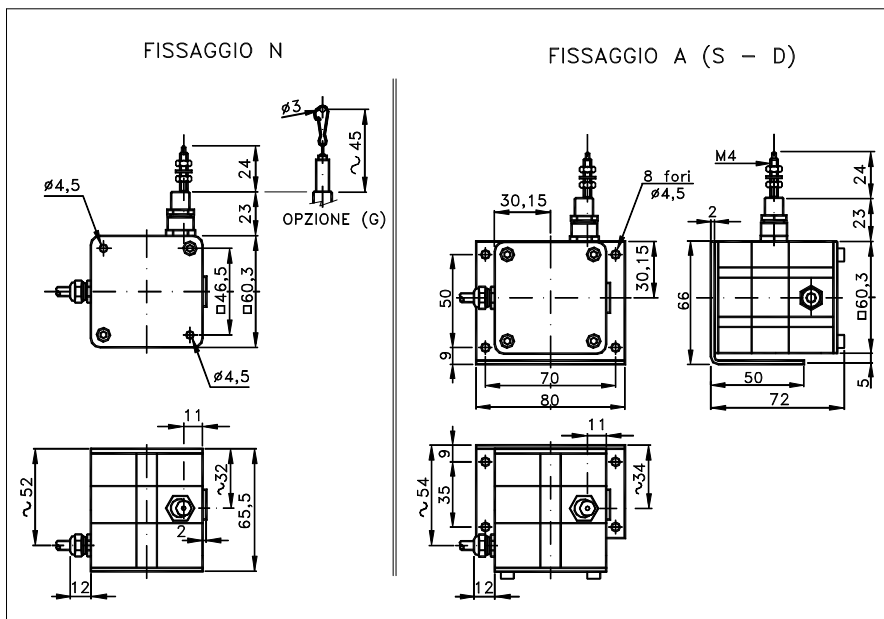
POTENT./INCREMENTAL
CABLE ENCODER
0 ÷ 1500 mm

F6C

Sized draw standard version: CV

Family: L data sheet IF 024 E0B

Dimensions without tolerance according to UNI ISO 2768-mk

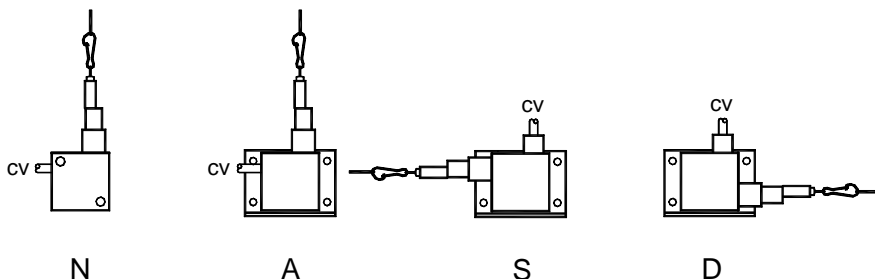


TECHNICAL FEATURES AND POSSIBLE CONFIGURATIONS

- Standard length.....: 0 ÷ 1500 mm
 - Weight.....: 410 g
 - Pullout cable force.: <4,5 N
 - Pullin cable force.: <3,5 N
 - Max reading speed...: 1 m/s
 - Max linearity error.: $\pm 0,25\%$ f.s. (*)
 - Repeatability.....: $\pm 0,15\%$ f.s. (*)
 - Resolution.....: infinite
 - Protection class.....: potent.: IP 54 mech.: IP54 (°)
output: see 'CONNECTION' page 2
 - 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.....: ϕ 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) (6) Iu = 4÷20 mA (5) (7) Vu = 0÷10 V (8) Vu = 0÷5 V () (I) INCREM. (6)	(CV) 1 m long () () <div style="border: 1px solid black; padding: 2px; text-align: center;">TERMINAL BOX</div> ()	(CQ2) 4c IP66 () () () () () () () () () () () ()	(VM) 7c normal (TM) 7c sealed (VL) 10c normal (TL) 10c sealed (VD) 9c (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/	F6C 075	-	-	N	-	-	-	W	-	CV	-	01
	(1)	(075) 750 mm (150) 1500 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		NOT FOR (W) ELECTRONIC (5) 5 Vcc ±5% (4) (12) 12 Vcc ±5% (24) 24 Vcc ±5%		(2)		(VM) 7c normal (TM) 7c sealed (VL) 10c normal (TL) 10c sealed (VD) 9c (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		(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.

- (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

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