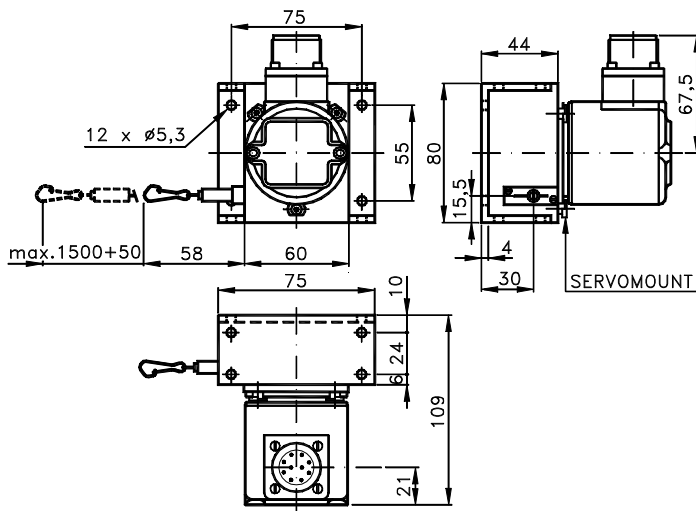


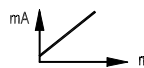
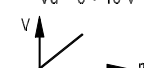
Sized draw standard version: CL R Measures without tolerance according to UNI ISO 2768-mk



TECHNICAL FEATURES AND POSSIBLE CONFIGURATIONS

- Standard length.....: 1500 mm (*)
 - Resolution.....: 0,1 mm, 1 mm (*)
 - Weight.....: 710 g
 - Pullout cable force...: 6,4 N
 - Pullin cable force...: 3,1 N
 - Max acceleration.....: 5 G
 - Max linearity error...: $\pm 0,04\%$ f.s. (*)
 - Max reading speed...: 10 m/s
 - Protection class....: encoder: IP64 mecc.: IP43 (°)
output: see 'CONNECTION' page
 - Ball bearings life....: $1,5 \times 10^9$ revolutions
 - Impact resistance....: 50 G x 11ms
 - Vibration resistance...: 12 G (10 ÷ 2000 Hz)
 - Operating temperature: 0 ÷ 70 °C (*)
 - Storage temperature...: -30 ÷ 85 °C
 - Max frequency.....: 100 kHz
 - Max consumptions mA...: std 120 line driver 180 (*)
 - Light source.....: LED with ≥ 100000 h life
 - Cable.....: Ø 0,5 mm stainless steel
- (°) IP according to CEI EN 60529, EN 60529, IEC 529 (*) custom options

ELECTRONICS

CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA	COD.	DESCRIPTION
K	STANDARD NPN	10	N	DRIVER 26LS31	30	Y	SINUSOID. 1Vpp	10	W	
Q	NPN OPEN COLL	10	T	TTL 7404	10				6	$I_u = 4 \div 20$ mA
R	NPN OPEN COLL	70	C	DRIVER 88C30	20					
P	PNP	70	L	2x PUSH-P. PRO	70				7	$V_u = 0 \div 10$ V
U	PNP OPEN COLL	70	M	2x PUSH-PULL	70					
B	PUSH-PULL PRO	70	6	$I_u = 4 \div 20$ mA						
H	PUSH-PULL	70	W	1K POTENTIOM.						

Tolerance between phases $\pm 25^\circ$, symmetry $\pm 15^\circ$

(§) Clock-wise output rotation (see shaft).

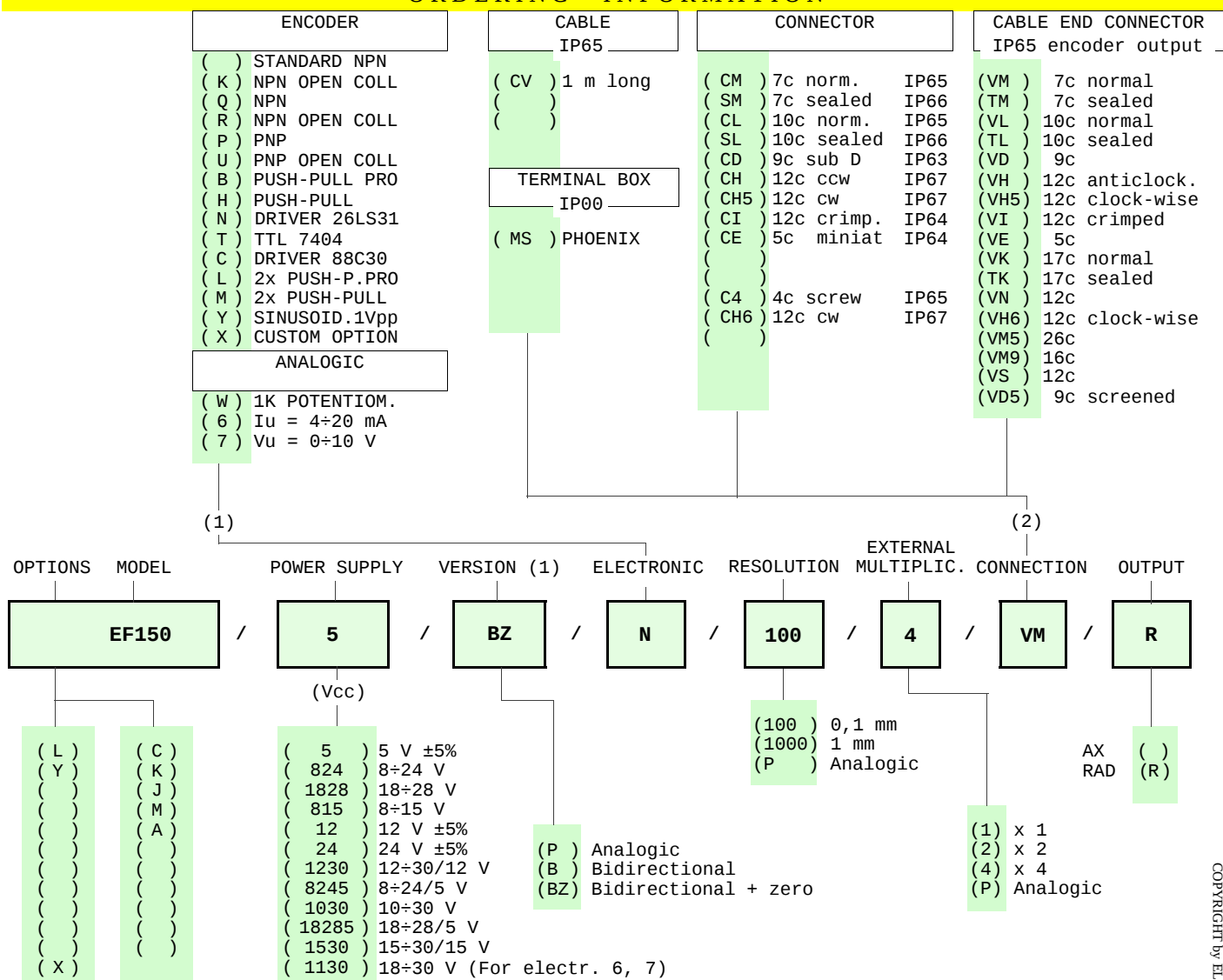


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POSSIBLE OPTIONS				POSSIBLE CONNECTIONS									
CODE	DESCRIPTION	CODE	DESCRIPTION	CABLE								OUTPUT	
L Y	Low temperature Unbreakable disk	C K J M A	Low consumption Invert. phase A,B,Zero. Zero logic combination Impregnated electronic High temperature	CV								AX RAD	
				CONNECTOR								OUTPUT	
				CM CE	SM	CL	SL C4	CD CH6	CH	CH5	CI	AX RAD	
				CABLE END CONNECTOR								OUTPUT	
X	Custom Options			VM VE VD5	TM VK	VL TK	TL VN	VD VH6	VH VM5	VH5 VM9	VI VS	AX RAD	
				TERMINAL BOX								OUTPUT AX	
				MS									

ORDERING INFORMATION



NOTE: FOR 88C30 MAX 15 Vdc

(1) For further information see ELECTRONIC data sheet
(2) For further information see CONNECTION data sheet

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.

ELCIS company has the right to make any changing without previous notice.

data sheet IF001 E0A page: 03.EF150 2/2



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