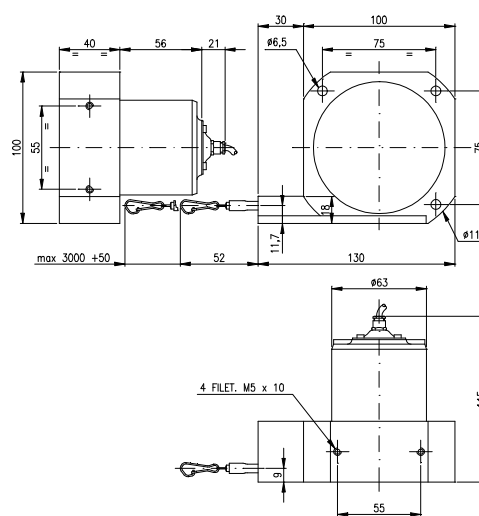


Sized draw standard version:

CL

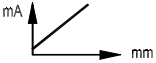
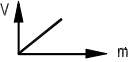
Measures without tolerance according to UNI ISO 2768-mk



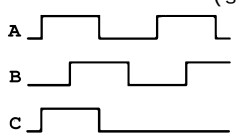
TECHNICAL FEATURES AND POSSIBLE CONFIGURATIONS

- | | | |
|--|-----|--|
| - Standard length 3000 mm | (*) | - Ball bearings life 1,5 x 10 ⁹ revolutions |
| - Resolution 0,1 mm, 1 mm | (*) | - Impact resistance 50 G x 11ms |
| - Weight 1000 g | | - Vibration resistance .. 12 G (10 ÷ 2000 Hz) |
| - Pullout cable force .. 7,3 N | | - Operating temperature : 0 ÷ 70 °C |
| - Pullin cable force .. 3,5 N | | - Storage temperature .. -30 ÷ 85 °C |
| - Max acceleration 5 G | | - Max frequency 100 kHz |
| - Max linearity error .. ±0,05% f.s. | (*) | - Max consumptions mA .. std 120 line driver 180 (*) |
| - Max reading speed 8 m/s | | - Light source LED with >= 100000 h life |
| - Protection class encoder: IP64 mecc.: IP53 (°) | | - Cable Ø 0,9 mm stainless steel |
- output: see 'CONNECTION' page 2
- (°) IP according to CEI EN 60529, EN 60529, IEC 529
- (*) custom options

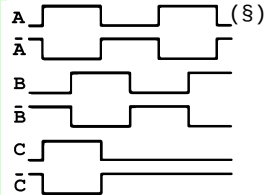
ELECTRONICS

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	
R	NPN OPEN COLL	70	C	DRIVER 88C30	20				7	
P	PNP	70	L	2x PUSH-P.PRO	70					
U	PNP OPEN COLL	70	M	2x PUSH-PULL	70					
B	PUSH-PULL PRO	70	6	Iu = 4÷20 mA						
H	PUSH-PULL	70	W	1K POTENTIOM.						

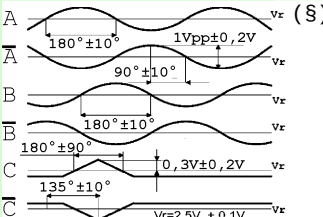
(S)



(S)



(S)



Tolerance between phases +25° - symmetry + 15°

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

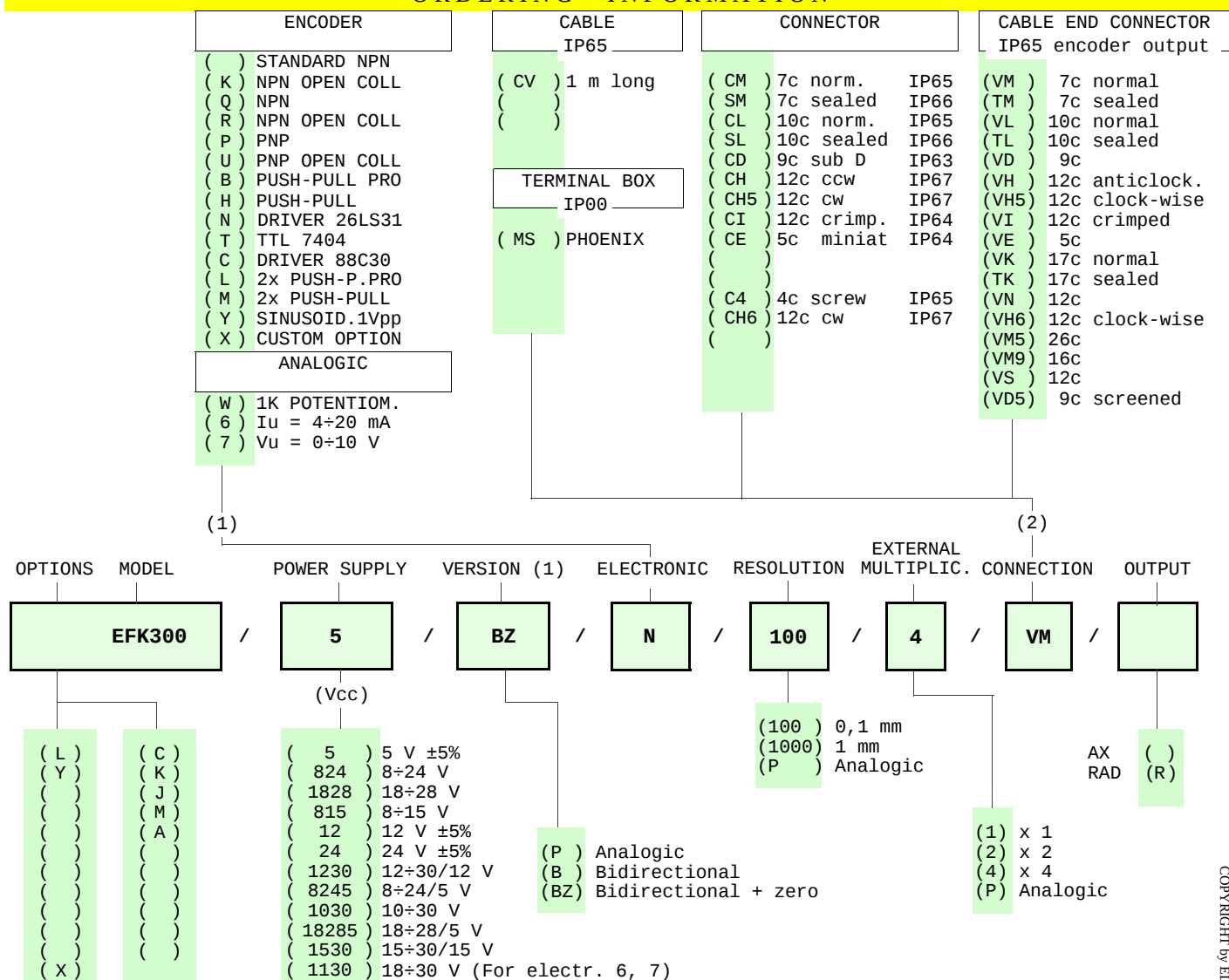


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POSSIBLE OPTIONS				POSSIBLE CONNECTIONS			
CODE	DESCRIPTION	CODE	DESCRIPTION	CABLE			
L	Low temperature Unbreakable disk	C	Low consumption	CV			
Y		K	Invert. phase A,B,Zero.				
		J	Zero logic combination				
		M	Impregnated electronic				
		A	High temperature				
X	Custom Options						

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 9001:2000, 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 IF007 E0A page: 01.EFK300 2/2



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