

INCREMENTAL ENCODER

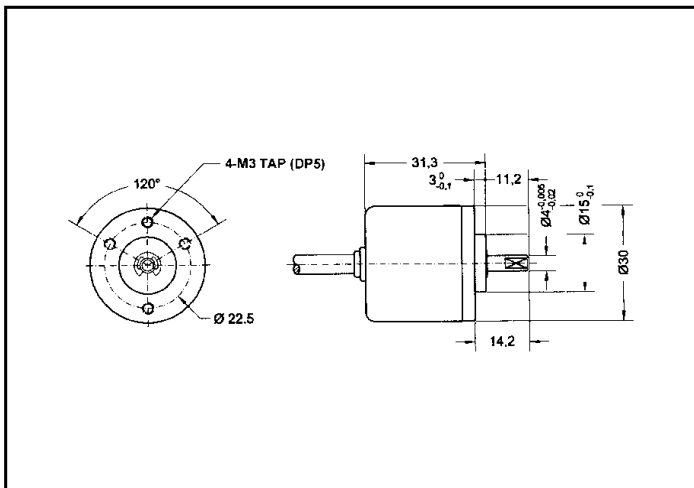
MINIATURE ENCODER, METALLIC FOR GENERAL PURPOSES AT LOW PRICE.

Family: I
page: 01.30 1/2

30

data sheet . II 125 E00

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



TECHNICAL FEATURES AND POSSIBLE CONFIGURATIONS

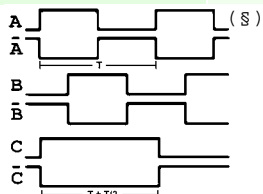
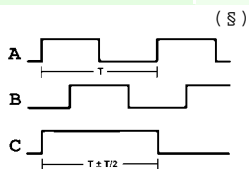
- | | |
|---|--|
| <ul style="list-style-type: none"> - Base.....: ALUMINIUM - Cover.....: STEEL - Weight.....: 80 g - Shaft.....: Ø 4 STAINLESS STEEL - Max.rad/axial load.: 2 kg - IP output side.(°):: see 'CONNECTION' of page 2 - IP shaft side..(°)> std. 52 sealed - low torq. -
opt. type (page 2)> standard - Contin. max RPM(**)> 5000 - - - Starting torque gcm> 8 | <ul style="list-style-type: none"> - Ball bearings life....: 1,5 x 10⁹ revolutions - Impact resistance....: 50 G x 11ms - Vibration resistance.: 12 G (10 ÷ 2000 Hz) - Power supply.....: 5÷24V (see page 2) - Operating temperature: -10÷70 °C - Storage temperature...: -30 ÷ 85 °C - N° of pulses/rev.....: 100 ÷ 1024 - Max frequency.....: 180 kHz - Max consumptions mA...: std 60 line driver 50 - Light source.....: LED with >= 100000 h life |
|---|--|

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

(**) intermittent max RPM + 30% of continuous max RPM

ELECTRONICS

CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA
	STANDARD NPN	10	N	LINE DRIVER	20						
R	NPN OPEN COLL	30									
H	PUSH-PULL	30									



Tolerance between phases ± 45°, symmetry ± 20°

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



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