

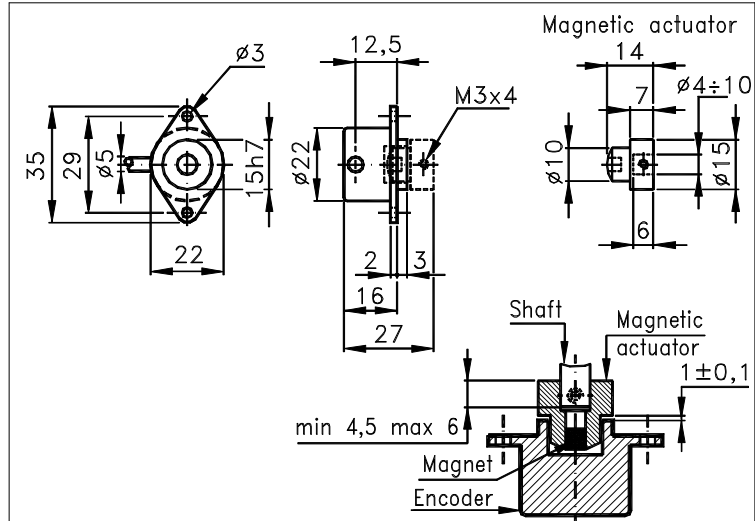
INCREMENTAL
MAGNETIC
ENCODER

M22NC

MINIATURE MAGNETIC ENCODER WITHOUT CONTACT BETWEEN THE ROTATING SHAFT AND TRANSDUCER BODY. HIGH PROTECTION DEGREE AND IMMUNITY TO OILS, LIQUIDS ETC.. FIT FOR HIGH SPEED APPLICATIONS (30000 rpm).

Family: **M**
page: 02.M22NC 1/2
data sheet . IR 006 E00

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



* IP68 VERSION MUST BE USED IMMERSED IN FLUID.

TECHNICAL FEATURES AND POSSIBLE CONFIGURATIONS

- | | |
|--|--|
| <ul style="list-style-type: none"> - Base.....: ALUMINIUM - Cover.....: ALUMINIUM - Weight.....: 60 g - Shaft.....: HOLLOW Ø4÷10 (WITH MAGNET) - Max.rad/axial load.: - - IP output side.(°): see 'CONNECTION' of page 2 - IP shaft side..(°).> std. 64 sealed 68 low torq - opt. type (page 2).> standard Z - Contin. max RPM(**)> 30000 30000 - - Starting torque gcm> - - - | <ul style="list-style-type: none"> - Ball bearings life....: 1,5 x 10⁹ revolutions - Impact resistance....: 100 G x 6ms - Vibration resistance.: 10 G (55 ÷ 2000 Hz) - Power supply.....: 5V (vedi pag.2) - Operating temperature: -25÷85 °C - Storage temperature...: -30÷85 °C - N° of pulses/rev.....: 128 w. eln. N (*) 1 w. eln. I (*) - Max consumptions mA...: std 23 sinusoid. 20 - Max frequency.....: 1 MHz |
|--|--|

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

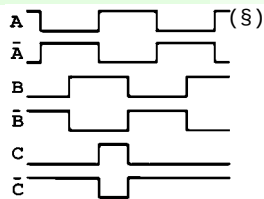
(*) multiplicabile x4 by the Customer

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

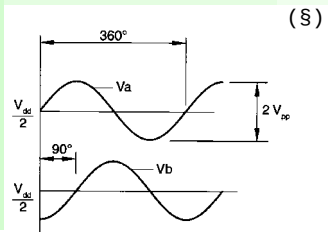
ELECTRONICS

CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA	CODE	DESCRIPTION	mA
			N	DRIVER 26LS31	23				I	SINUSOID.2Vpp	20

(S)



(S)



Tolerance between phases $\pm 45^\circ$, symmetry $\pm 15^\circ$

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



Elcis encoder s.r.l. Via Rosa Luxembourg 12/14 10093 COLLEGNO (TO) ITALY
Phone: +39 011 715577/78 a.r.
MAIL: Elcis encoder s.r.l. P.O.Box 70 10093 COLLEGNO (TO) ITALY

* <http://www.elcis.com>
* e-mail: info@elcis.com
* Fax: +39 011 712613

