

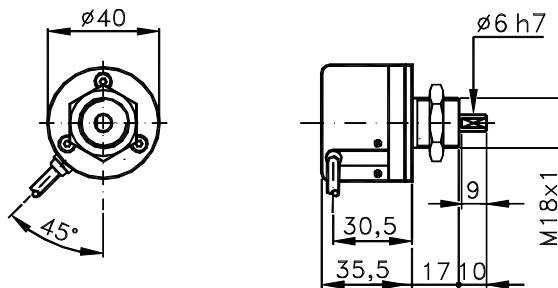
**INCREMENTAL
ENCODER**

I/40F

MINIATURE ENCODER, METALLIC FOR GENERAL PURPOSES.
THREADED FLANGE.

Family: **I**
page: 01. 40F 1/2
data sheet . II 156 E00

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



TECHNICAL FEATURES AND POSSIBLE CONFIGURATIONS

- Base.....: ALUMINIUM
- Cover.....: STEEL
- Weight.....: 150 g
- Shaft.....: Ø 6 STAINLESS STEEL
- Max.rad/axial load.: 1 kg
- IP output side.(°): see 'CONNECTION' of page 2
- IP shaft side.(°):> std. 52 | sealed 65 | low torq. -
opt. type (page 2):> standard | Q
- Contin. max RPM(**)> 5000 | 3000 | -
- Starting torque gcm> 8 | 35 | -

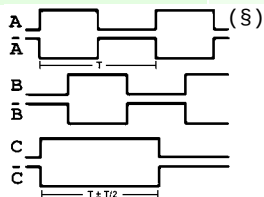
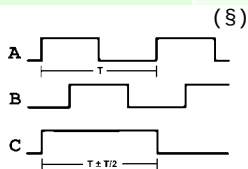
(°) IP according to CEI EN 60529, EN 60529, IEC 529

- 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.....: 10 ÷ 2500
- Max frequency.....: 180 kHz
- Max consumptions mA...: std 60 line driver 50
- Light source.....: LED with >= 100000 h life

(**) 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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