

*Tough in Rough**



(*) Applications Industrielles

Incremental encoder

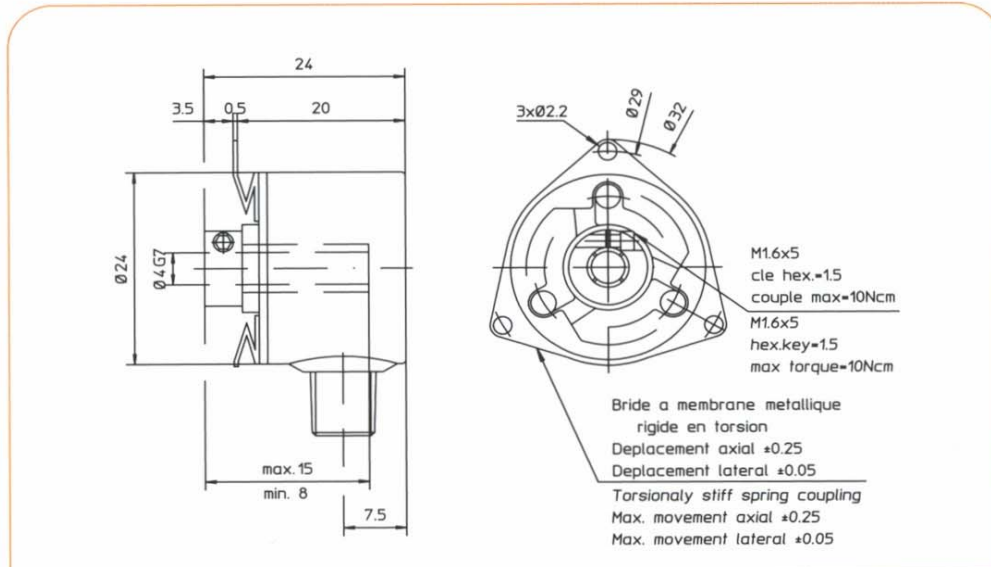
Designation		Val.
Counts per turn	I	max. 3600
Switching frequency	f_{\max}	25 kHz; optional 200 kHz
Speed	Max.	$\leq 18000 \text{ min}^{-1}$
Logic level		HTL
Supply voltage	$\pm 10 \%$	+5 V; +10... +30 V; +5 ...+24 V
Current consumption at no-load		35 mA
Average load current per channel		20 mA
Output amplitude		$U_{\text{Low}} \leq 0,375 \text{ V}$ $I_{\text{OUT Low}} = 10 \text{ mA}$
Moment of inertia		1 gcm^2
Driving torque at working temperature		0,1 Ncm
Load on shaft	Max.	Axial: 20 N Radial: 20 N
Vibration proof		10 g / (10 – 2000 Hz)
Shock proof		100 g (11ms)
Temperature range (housing surface)		-40°C ... + 85°C
Protection degree		IP 64 IEC 34-5
Weight		0,125 kg

RADIO-ENERGIE TECHNOLOGY

General Characteristics:

- The most compact hollow shaft
- Easy mounting by flexible anti-rotation device
- Applications: micro-robotics, low power DC motors....

Type
RCI 024



Blind hollow shaft, cable connection
Axe creux borgne, connexion par câble

Pulses per revolution / Nombre d'impulsions par tour		
1	60	250
4	75	256
11	80	300
12	90	360
15	100	400
25	125	500
30	128	1000*
50	150	1024*
56	180	2000*
	200	3000*
		3600*

(*) specify power supply / tension à préciser
5V
10 – 30

