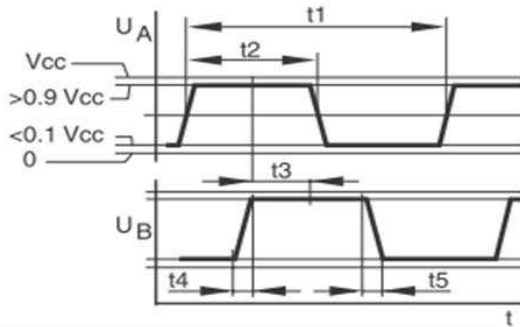


Characteristics @ 22°C

1	Number of lines available		12	LPR
2	Supply voltage		5	Volt
3	Supply current	Typical	4	mA
		Rise Time	125	ns
		Fall Time	50	ns
4	Output signal		Two channels square wave	
5	Electrical phase shift		90 ± 40	degree
6	Signal Ratio		50 ± 25	%
7	Maximum count frequency		10	kHz
8	Operating Temperature Range:		-20 (-4) to +85 (+185)	°C (°F)
9	Code wheel moment of inertia		0.1	10 ⁻⁷ x kgm ²
10	Weight		Varies by motor size. Contact us.	g (oz)

Available on motor types	13N88
L-Length with motor - mm (in)	40.4 (1.59)

Typical Encoder Output Signal



t1: Period
 t2/t1: Signal ratio
 t3: Phase shift
 t4: Rise time
 t5: Fall time

Connector Dupont type Quikie II or equivalent