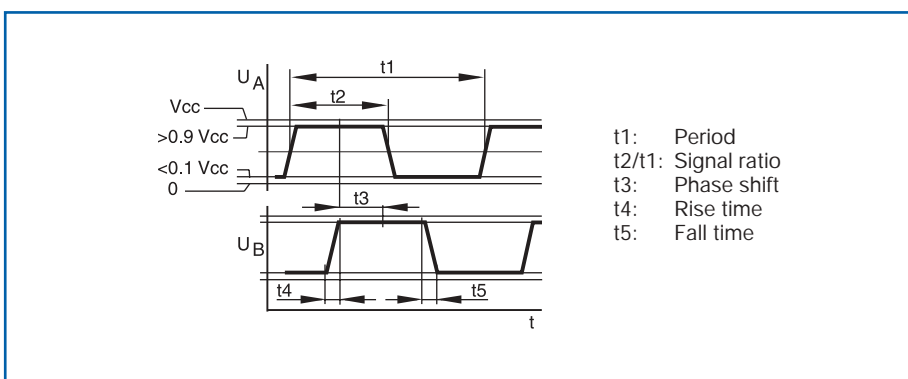


Characteristics at 22°C

			F
1	Number of pulses per rev.		16
2	Supply voltage	Vcc	V
3	Supply current	typical at 5 V	mA
4	Rise time	t4	µs
5	Fall time	t5	µs
6	Output signal ²⁾		Two channels / square wave in quadrature
7	Electrical phase shift between U1 and U2	t3/t1 x 360	degree
8	Signal ratio ³⁾	t2/t1	%
9	Max. count frequency		kHz
10	Operating temperature range		°C
11	Inertia		10 ⁻⁷ x kgm ²
12	Measuring conditions	Temperature	°C
		Supply voltage	V
		Load resistance	MΩ
		Load capacitance	pF

Encoder F available on motor types	16N	17N	22N	22V
13 L ₁ = length (mm)	30	28.9	34	36.3
14 L ₂ = length (mm)	3.6	3.6	3.1	3.1
15 D = motor diameter (mm)	16	17	22	22
16 see page	13	14	15	16



¹⁾ Connector Dupont type Quikie II or equivalent

²⁾ Internal pull-up resistor: 10 kΩ

³⁾ Over the entire frequency and temperature range