

Single turn absolute optical encoder



COA11-01

Size 11 - Ø 27 mm



MAIN TECHNICAL CHARACTERISTICS

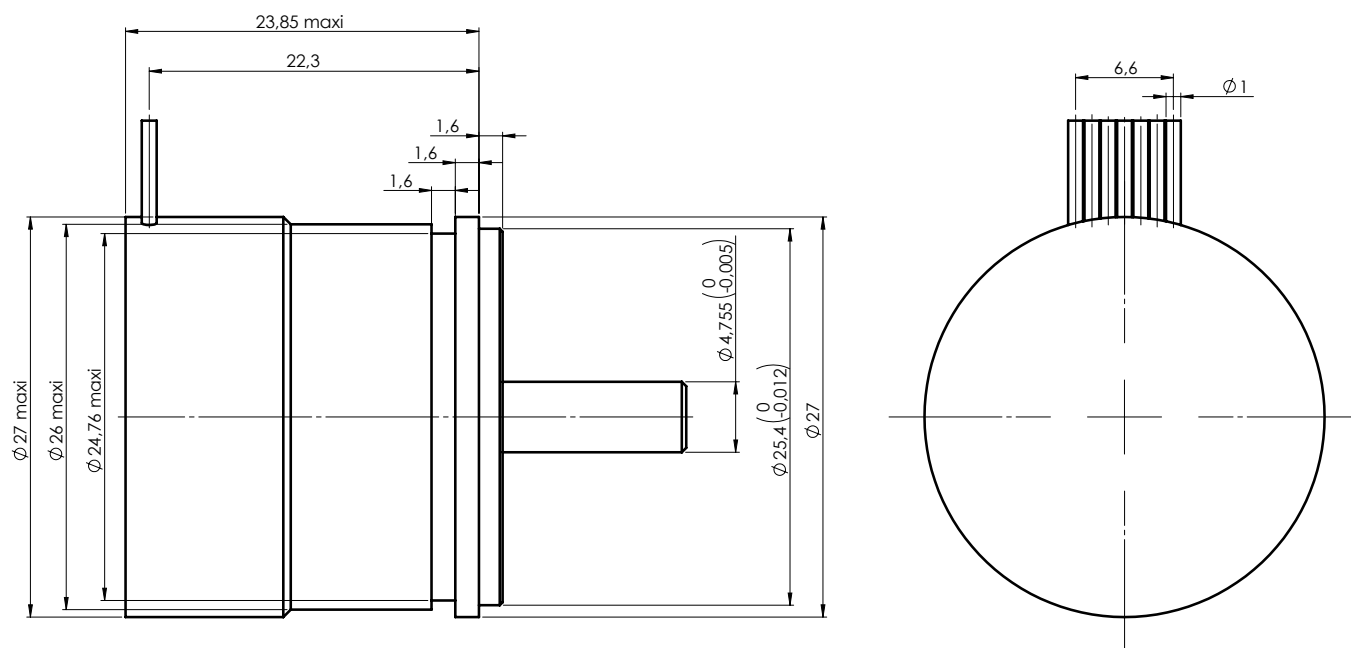
Resolution	up to 22 bits
Accuracy	± 30"
Power supply	+ 5V
Serial output	SSI2 or SSI
Operating speed	300 rpm
Load on shaft (axial and radial)	5N
Max. temperature range	-45°C to +105°C
IP maxi	64

For further information, please contact our sales department :

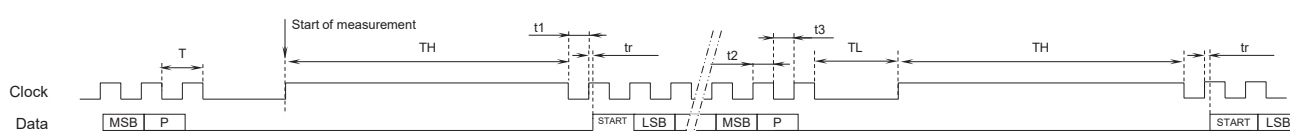
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Drawing



Serial output diagram TYPE SSI2



t1 : The first low state after TH time must be ≥ 250 ns
t2 : 200 ns min.
t3 : 200 ns min.

10 KHz $\leq$ Clock = $1/T \leq 2$ MHz max.
TL = 2T min.
TH = 7 μ s min.
tr = 0.2 μ s max.
P = Parity bit

Truth table for parity bit

	Parity bit
If Σ of the bits at 1 (including start bit) is even then	0
If Σ of the bits at 1 (including start bit) is odd then	1

