

Single turn parallel encoder instruction manual

CAS38R08E06PB(PNP)

Product model description

Clamping flange, the main size is 38mm, cable side outlet, shaft diameter is 6mm; Single-turn absolute, resolution 256, working voltage 8-30VDC, output mode is parallel gray code PNP collector output.

Mechanical parameter

Max. Rotation Speed	Starting torque (N·M)	Max. shaft load		rotational inertia (Kg·m ²)	Weight (Kg)
		axial direction	radial direction		
3000rpm	9.8×10^{-4}	25N	15N	8.0×10^{-7}	0.3

Electrical parameter

Supply voltage	resolution	Single load current	output
8-30VDC	256	$\leq 40\text{mA}$	Parallel gray code Negative logic

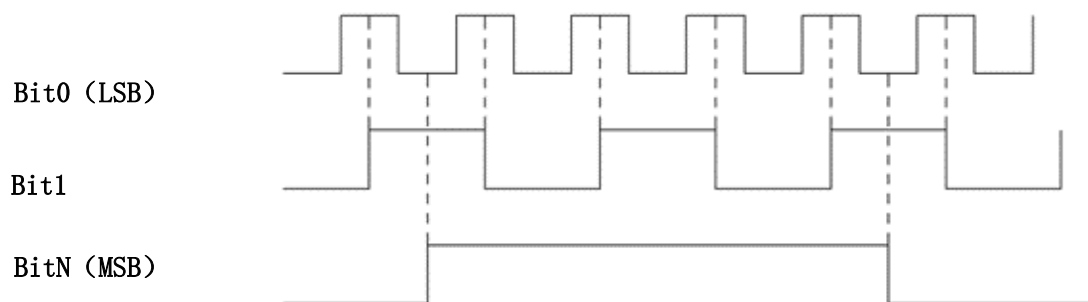
work environment

Operating Temperature	storage temperature	maximum humidity	IP Rating
-25°C~85°C	-25°C~90°C	85% without condensation	IP54

Connections:

Single	8-30VDC	GND(0V)	D0	D1	D2	D3	D4	D5	D6	D7	Shield
Color	Red	Black	Green	Yellow	Grey	Orange	Pink	Blue	Brown	White	Coarse black

Instructions



Absolute parallel output encoder according to the required resolution, the circle evenly divided into corresponding equal intervals, each interval with a number of bits of signal fixed coding combination. If 256 lines are required, 8 signal lines need to be combined, namely:

0: 0000 0000

255: 1000 0000 (above is positive logic, and negative logic is the opposite)

Dimensions

