

ABSOLUTE ENCODER



FEATURES

Single turn upto 512,1024 and 8192 steps per turn

Configured steps per turn available

In standard Euro dia 58mm OR 66mm housing

With Parallel Gray/Binary output

5V OR 10-30 V DC supply

Radial **OR** Axial cable exit

SHAFT:- Shaft ϕ = 10mm, L = 19mm ;
OR Shaft ϕ = 6mm, L = 9mm

Optional in Heavy duty versions

Multiturn on request

SPECIFICATIONS :-

| TYPE | RESOLUTION STEPS/TURN | ENCODER DIA.mm | SHAFT(m) ϕ / L | MOUNTING TYPE | LEVEL O/P TYPE | VOLTAGE SUPPLY | O/P |
|----------|--------------------------|-------------------|------------------------|------------------|---------------------------|-------------------|-------------|
| ENA-9 | 512 | 58 | 9-Jun 19-Oct | Face / Servo | TTL NPN * | 5V or 10-30V | Binary/Gray |
| ENA-10 | 1024 | 66 | 19-Oct | Face | TTL NPN */Push-pull | 5V or 10-30V | Binary/Gray |
| ENA12/13 | 4096, 8192 | 58 | 9-Jun | Servo | TTL Push-pull | 5V or 10-30V | Binary/Gray |

NOTES :- NPN - with Pull-up resistor of 10 k Ohms

SELECTION GUIDELINES

Specify first - Steps per turn (bits per turn), then voltage level e.g. 5V or 10-30V

Application - on machine or environment e.g. Machine tool, Packaging, Paper, Steel Industry, Dam gate position indicator/transmitter etc..

Output Code Gray or Binary Heavy duty for hostile environment

APPLICATION BASED EXAMPLES

for Packaging Industry, 512 or 360 steps per turn, Binary output, supply 10-30V, Radial cable exit, one meter long cable

Select Encoder ENA-9, with 512 steps per turn, Binary, Open Collector output, with pull-up resistor of 10 Kohm , shaft ϕ 10mm, L = 19mm, Face mounting, Radial cable exit, 1 meter 18 core shielded cable

for Radar Tracking, Heavy duty, 13 bits, with Gray output, 24V

Select Encoder ENA-13P, with 8192 steps per turn, Gray, 10-30V, with F/R , Radial cable exit, with 1 meter 18 core shielded cable

for Material Handling - Stacker-Reclaimer

Select Encoder in Heavy duty Cast aluminium housing, base mounting execution, Type: ENA 8-H, 256 steps/turn, Open Collector output, with pull-up resistor of 10 Kohm, shaft ϕ 10mm, L = 10mm, + shaft ϕ 20mm, L = 30mm, base mounting, terminals available after opening the cover.