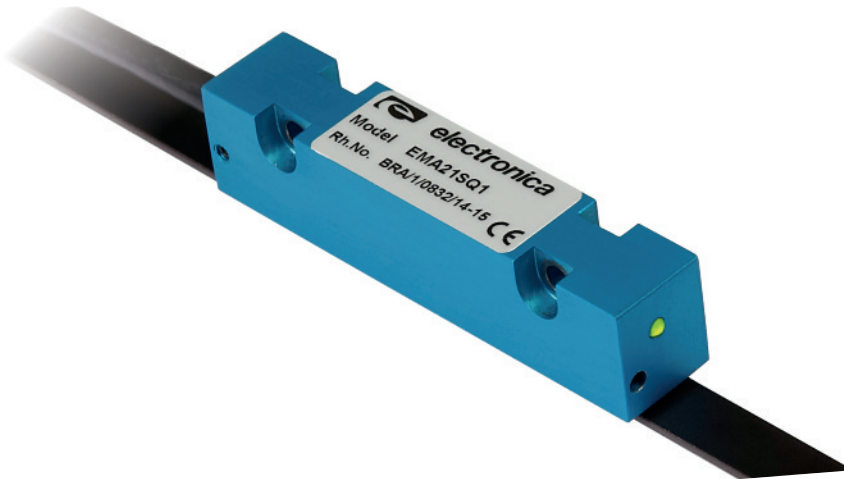


# EMA21 Absolute Magna

## Absolute Magnetic Linear Encoder System

EMA21 an indigenously designed & built Absolute Magnetic Encoder System offers true absolute position data along with the advantages offered by Magnetic encoder technology.



### Salient Features:-

- Accuracy of  $\pm 15\mu\text{m}/\text{meter}$  at  $1\mu\text{m}$  resolution
- Supports measuring speed of 4 m/s at  $1\mu\text{m}$  resolution
- Maximum measuring length available up to 60 mtrs, standard magnetic tapes are 20 mtrs in roll form
- Supports popular industrial absolute protocols like SSI & BiSS-C (unidirectional), additionally supports incremental O/P RS422 digital /  $1V_{pp}$  analog
- Ingress Protection class IP67
- Wide supply range available: Option 1 - 5 VDC & Option 2 - 6.5 V to 28 VDC
- Reader head O/P is with cable or with direct connector on housing for ease of installation
- LED indication on reader head to help user during installation & application
- Error O/P in case of absolute code mismatch, higher speed & other such cases..



### Major Applications:-

- Robotics
- Automation
- Dispensing Machines
- Pick & Place Machines
- Length cutting Machines
- Linear Motor Applications
- Special Purpose Machines
- Material Handling Machines

