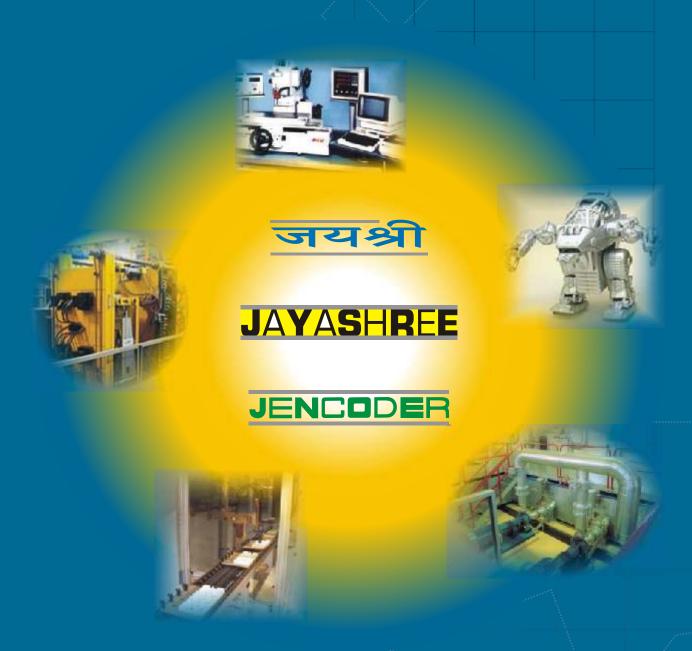
Frontline Products for **Automation, Control & Safety**of Industrial Machines



in the field of industrial control since 1973

JAYASHREE

An ISO 9001-2000 Company

PROXIMITY SWITCHES

INDUCTIVE / CAPACITIVE / OPTICAL / MAGNETIC / ULTRASONIC

For Position Control / Speed Control / Automation Widest Range-more than 500 models.



ELECTRONIC SPEED SWITCHES/TACHOMETERS

- For monitoring over-speed/under-speed of any rotary or linear motion
- Digital indication with 4-20 mA output/RS-485 port /Relay output.
- Wide range of speed sensors -(Inductive/Magnetic/Optical)
- Speed sensing range from 0.1 to 10,000 RPM.
- More than 40 models.
- Major types RM 221, RM E21, RM P26



OPTICAL SAFETY BARRIER SYSTEM

- For safety in Machines, hydraulic presses, cutters etc.
- Available from 4 beams to 12 beams

CURRENT MONITORS

Sensing gap up to 3 metres



ELECTRONIC LOAD MONITORS (Shear pin)

- Precision kW/current monitors for true power measurement and control
- Highly reliable for protection of machines against overload / jamming.
- Fast & reliable response compared to thermal overload relay.
- Digital display with key pad setting





WIDE RANGE OF RELIABLE AND QUALITY SENSORS AND CONTROLLERS TO MEET ALL AUTOMATION NEEDS.

SOFT STARTER / ENERGY SAVER

- For smooth, jerkless starting of every machine
- Saves energy / controls max. demand
- Manufactured with Tech support from M/S. Fairford Electronics Ltd. U.K.



ELECTRONIC BRAKE

- For Controlled Braking action of Induction Motor by injecting DC into stator winding.
- Available up to 110 KW rating (300A).
- Ideal for Machine Tools. Grinders, Centrifuge Machines and similar machines having longer stopping time due to heavy inertia.



TRANSDUCERS

- Isolated output of 4-20 mA / 0-10 V
- 2 wire / 4 wire versions
- Input signal as Current /Voltage /Frequency/ Speed /Temperature/Resistance.
- DIN Rail mounting.



DIGITAL SEQUENCE TIMERS

- For bag filter cleaning / Process control.
- Output channels 6/8/12/20/30.
- Duration / Interval setting by key pad.
- Custom built as per requirement.



EL 34, 'J' Block, MIDC, BHOSARI, PUNE - 411 026 (India).

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BRUSHLESS SERVOMOTORS & WORLD CLASS SUPER PRECISION SERVO DRIVE

- Stall torque 0.2 to 20 Nm cont. 4000 RPM
- High ratio of peak to stall torque.
- No brushes No commutator No maintenance
- Rapid response

Servo drive

- Proprietary 32 bit processor ASIC programmed with advanced torque control algorithm resulting in drastically reduced servo phase delay and torque response time.
- Vector torque controller providing flat 'torque X speed' curve and more efficient operation especially at higher speed.



BRUSH TYPE DC SERVOMOTORS

- Stall torque 0.2 to 7.5 Nm cont. 4000 RPM
- High ratio of peak to stall torque
- Low rotor inertia
- With built on Tacho / Encoder as optional accessory
- International frame sizes
- Customized designs for individual applications



SELSYN

- Rugged electro machanical devices for Remote Position Monitoring of field mounted equipment such as Water Gates, Water Valves & Furnaces.
- Length counting for Plate/Rod/Sheet mills



WORLD CLASS SERVO COMPONENTS / SYSTEMS.

HIGH PRECISION TACHO GENERATORS

- Voltage constants from 5 to 500 volts / KRPM outputs from 1 watt to 100 watts
- With ALNICO magnet system
- Silver Graphite brushes
- High linearity-low ripple negligible temp. drift
- Special commutator for long life
- Perfectly balanced rotor
- Solid / hollow shaft models
- International frame sizes
- Optional combinations with built on Encoders / Speed switch
- Customized designs for individual applications



BELT WATCH - SOPHISTICATED 2-WIRE SYSTEM TO MONITOR CONVEYOR SAFETIES

- In addition to pin pointing the actuated safety switch the Display also indicates cable short/open condition.
- The system accommodates upto 100 numbers Sensor Modules on a single pair of wires.
- Common/Individual display option for multiple master units.
- No restriction on length of cable.
- Serial RS 485 connectivity for PC/PLC.



ELECTRODYNAMIC SPEED SWITCH

- Direction sensing for Machine Tools, Rubber mixing plants, Variable speed drives.
- Plugging
- Antiplugging



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e-mail: jeremon@jayashree.co.in Web: www.jayashree-electrodevices.com



SPECIAL FEATURES

- Advanced sensor technology allowing extra clearance to enhance durability & longevity of disc & sensor.
- New sensor technology is self-aligning and does not require calibrating presets commonly found in other encoders.
- Single-chip design eliminates many board level components enhancing encoder performance & reliability.



JENCODER 260-9D

- Extremely robust construction having heavy-duty bearing on opposite faces of Housing, allowing use of rigid coupling.
- Built-in Terminal box for ease of wiring.
- Built-in Driver Circuit for long-distance cable (100 mtr.).
- Unbreakable disc available as option to withstand heavy shocks.



JENCODER 260-CUBE.

- * Robust construction taking 20 kg radial & axial load.
- Double-ended shaft to mount measuring wheel for cut-to-length application.
- Unbreakable disc.
- Face or Base mounting.



INTERNATIONAL QUALITY OPTICAL ENCODERS NOW MANUFACTURED AT PUNE.

With technical support from ENCODERS PRODUCTS COMPANY (USA).

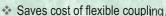
JENCODER 260-58 A/B

- Industry standard 58 mm dia enclosure.
- Oversized bearings capable of taking 10 kg. radial & axial load ensuring long operational life.
- Constructed to withstand the demands of rough industrial environments.
- Exact retrofit for commonly-used machine tool encoders.
- * Flange / Servo Mounting.



JENCODER 260

- Hollow shaft encoder up to 14 mm bore.
- Directly mounted on Drive shaft.
- Integral bearings provide stable and consistent operation without concern of radial & axial play.
- Low profile having 30 mm width thus reducing overall length.





PPRs Available for above models.

200 / 250 / 300 / 360 / 500 / 512 / 600 / 1000 / 1024 / 1200 / 1250 / 2000 / 2048 / 2500 / 2540

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