DR323 is a common encoder used on legacy Marsh Videojet printers. The encoder is currently sold by Videojet as a kit for Patron Plus, Overture, Encore, and M8000 ink jet printers. If you are in need of an encoder for your Videojet printer, the DR323 is the perfect solution.

Features:
- Rugged 2.5” x 2.5” encoder
- 2.50” Servo Mount
- 3600 CPR*
- 9 Foot Cable Thru Olflex Strain Relief
- Pull-Up Output
- 3/8” Stainless Steel Shaft

* Other CPRs may be available, Contact Customer Service

Typical Price: for Comparable Encoder: $550 - $700

DR323 Price: $520

Additional discounts available for volume orders.

The Accu-Coder™ Advantage
- Get this encoder FAST – you’ll get your encoders in days, not weeks.
- Huge savings in price comparison – the DR323 is your economical solution
- The accuracy, reliability, and quality that only come from an Accu-Coder™
- Industry Best 3-year warranty!
Model DR323 Specifications

Electrical
- Input Voltage: 4.75 to 28 VDC max for temperatures up to 70°C
- Input Current: 100 mA max with no output load
- Input Ripple: 100 mV peak-to-peak at 0 to 100 kHz
- Output Format: Incremental — See Waveform Diagrams below.
- Output Types: Pull-Up – 100 mA max per channel
- Frequency Response: 100 kHz
- Noise Immunity: Tested to BS EN61000-4-2; IEC801-3; BS EN61000-4-4; DDENV 50141; DDENV 50204; BS EN50022 (with European compliance option); BS EN61000-6-2; BS EN55022. Within 0.005° mechanical. (Total Optical Encoder Error = Instrument + Quadrature + Interpolation)

Mechanical
- Max Shaft Speed: 6000 RPM. Higher shaft speeds may be achievable, contact Customer Service.
- Shaft Size: 0.375”
- Shaft Material: 303 stainless steel
- Shaft Rotation: Bi-directional
- Radial Shaft Load: 35 lb max
- Axial Shaft Load: 40 lb max
- Starting Torque: 1.0 oz-in
- Moment of Inertia: 5.2 x 10^-4 oz-in-sec^2
- Max Acceleration: 1 x 105 rad/sec^2
- Electrical Conn: Olflex Strain Relief with 9 feet of cable
- Housing: Black non-corrosive finish
- Bearings: Precision ABEC ball bearings
- Mounting: 2.50” servo
- Weight: 20 oz typical

Environmental
- Operating Temp: 0° to 70° C
- Storage Temp: -25° to 85° C
- Humidity: 95% RH non-condensing
- Vibration: 10 g @ 58 to 500 Hz
- Shock: 50 g @ 11 ms duration
- Sealing: IP50

Waveform Diagram

DR323 Dimensions

DR323 Wiring Tables

Don’t see the exact encoder you need replaced? Call 1-800-366-5412 and our Technical Services Department will cross-reference the encoder to the correct EPC model.