

DR323

Direct Replacement Encoder For Videojet Printers



DR323 is a common encoder used on legacy Marsh Videojet printers. The encoder is currently sold by Videojet as a kit for Patrion 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.



The Accu-Coder™ DR323 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 CPR's may be available, Contact Customer Service

The Accu-Coder™ Advantage

- Get this encoder **FAST!**
- *Huge savings* in price comparison!
- The accuracy, reliability, and quality that only come from an Accu-Coder™
- Industry Best 3-year warranty!

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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
 Freq Response.....100 kHz
 Noise Immunity.....Tested to BS EN61000-4-2; IEC801-3; BS EN61000-4-4; DDENV 50141; DDENV 50204; BS EN55022 (with European compliance option); BS EN61000-6-2; BS EN50081-2
 Symmetry.....180° (±18°) electrical at 100 kHz output
 Rise Time.....Less than 1 microsecond
 Accuracy.....within 0.005° mechanical. (Total Optical Encoder Error = Instrument + Quadrature + Interpolation)

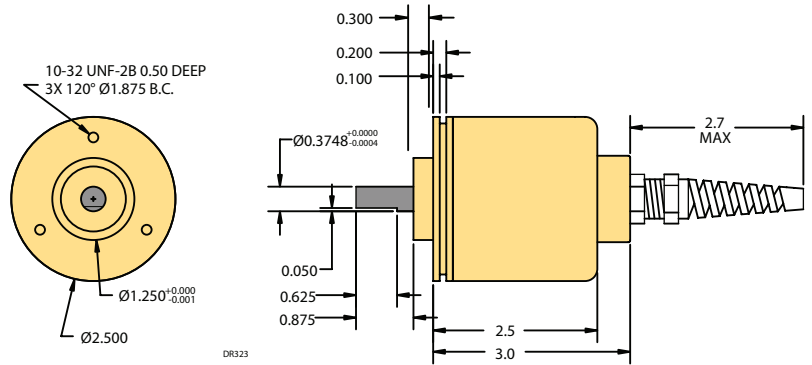
Mechanical

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-sec²
 Max Acceleration.....1 x 10⁵ rad/sec²
 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

DR323 Dimensions



DR323 Wiring Tables — Waveform Diagram

Function	Wire Color
Output	Brown
+VDC	White
Ground	Black
Shield	Bare



This Direct Replacement Encoder provided by;

