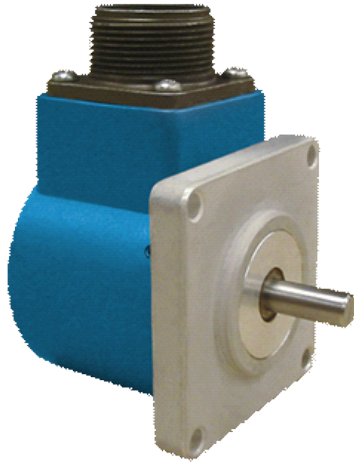


Avtron AV20 Encoders



Optical Light Mill Duty Solid Shaft Encoder, 2" Flange Mount

Setting a New Standard **AV20**

- | Shaft Sizes include 1/4", 3/8", and 10mm
 - | Simple Installation
 - | Unbreakable Optical Disk
 - | Up to 3600 PPR
- | Wide-Gap Technology: Up to 8X larger gap between sensor and rotor
- | Direct Replacement for Model H20 and Others without Rewiring
 - | Industry Standard Face or Flange Mounting
- | IP65/Nema 4 Rating: Dust and Liquid Tight
 - | Superior Bearings and Seals
 - | -40°C to +100°C Operation
 - | 2 Year No-Hassle Warranty

AV20 encoders look like industry standard incremental quadrature rotary encoder units, and fit the same mounting patterns on all machines. That's where the similarity ends. Our AV20 encoders can withstand conditions that make other encoders fail. The solid aluminum housing and stainless steel shaft offer increased durability in tough environments.

Avtron AV20 encoders have superior shaft seals and bearings that stay sealed to keep contaminants out, through temperature cycling and liquid sprays. Our encoder seals are protected by mechanical barriers to prevent flexing or failure. Avtron's superior bearings permit much larger side and axial loads for pulley and belt applications, and feature synthetic lubricants for even longer life in all applications.

Many competitive optical encoder designs risk sensor damage from any vibration or shock: sensors ride less than four thousandths of an inch from the thin, often flexible, optical disk spinning at full motor speeds. Some designs even use thin glass disks in "industrial" products! Avtron uses only unbreakable disks and a sensor to disk gap over 8X larger than the competition.

Our optical AV20 encoders are setting a new standard for quality, durability, and performance. Select an Avtron AV20 today!

