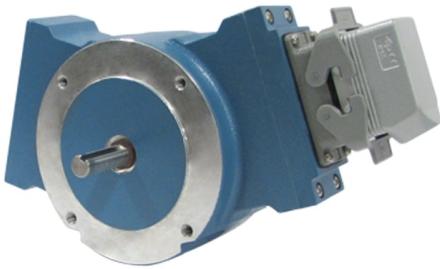




## Avtron AV485 SMARTach™ III Encoders



**Severe Mill Duty Magnetic Encoder;  
Foot or NEMA 56C Face Mount, 5/8"  
Solid Shaft**

### **Magnetic Durability in a Compact Encoder**

Severe Mill Duty Up to 50000 PPR

Replaces Competitive Models  
Without Rewiring

Self-Diagnostic LED & Alarm  
Output

Foot or NEMA 56C Face Mount  
Removable Sensors

IP66 Enclosure  
High-Power Output Standard  
Outputs Fully Short Circuit  
Protected

Optional Dual Isolated Outputs  
1 Year No-Hassle Warranty

### **AV485**

The AV485 is designed to withstand the worst environments: buried in slag, coated in pulp, sprayed with salt water or cutting coolants, it keeps working. The modular, gull-winged design makes it easy to install and service; the base can be bolted in place without removing the encoder, and the AV5 wide-gap removable sensors require no adjustment or shimming. The sensors are fully potted to protect against liquids, and are interchangeable between AV850, AV485, and AV685 encoders. The universal 5-24V design drives longer cables and is protected against wiring errors and surges. A second backup output is available with the same or different PPR, and offers completely separate electronics for maximum uptime.

