



Product Datasheet

TS1857N17 Tamagawa Rotary Encoder

Mazak R52ZZ000712 CNC Encoder



The TS1857N17 Tamagawa Rotary Encoder is a high precision motion feedback device used in CNC machines and industrial automation systems. This encoder converts rotational movement into electrical signals that allow servo drives and controllers to determine position, direction, and speed with high accuracy. The encoder is commonly installed in Mazak CNC machines and is identified by the OEM reference number R52ZZ000712. It is designed for demanding industrial environments where reliable motion feedback and stable signal output are critical for precision machining operations.

Technical Specifications

Specification	Details
Manufacturer	Tamagawa Seiki
Model	TS1857N17
OEM Reference	R52ZZ000712
Product Type	Rotary Encoder
Series	FA Coder
Supply Voltage	24 V DC
Application	Mazak CNC Machines
Function	Position & Speed Feedback
Industry	Industrial Automation / CNC
Country of Origin	Japan

Key Features

- High precision rotary position feedback
- Reliable signal transmission for servo control systems
- Designed for Mazak CNC machine compatibility
- Durable industrial construction
- Suitable for industrial automation and motion control applications