

A860-0360-V501

Industrial automation components

Manufacturer	Fanuc
Catalog number	a860-0360-v501
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.27 kgs
Product Type	Absolute Pulse Coder Encoder
Resolution	64,000 PPR pulses per revolution
Housing Material	Red Plastic
Shaft Type	Tapered (TPR)
Power Supply	5 V DC $\pm 10\%$
Protection Rating	IP67
Compatible Cable	A860-0360-V906

Description

The Fanuc A860-0360-V501 is an absolute pulse coder encoder designed for Fanuc's ALPHA series AC servo motors, including models a3, a6, a12, a22, a30, and a40. This encoder provides high-resolution position feedback, essential for precise control in applications such as CNC machining, robotics, and automation systems. It features a 64,000 pulses per revolution (PPR) resolution, delivering micron-level accuracy for demanding industrial tasks. The encoder is housed in a red plastic case and is fitted within the red cap of the ALPHA series servo motors, ensuring seamless integration and durability. It utilizes a tapered shaft (TPR) for enhanced stability and precision, and incorporates a keyed shaft (Key) for secure integration with compatible devices. The encoder operates with a 5 V DC $\pm 10\%$ power supply and communicates via differential A/B/Z signals, facilitating reliable data transmission. Its IP67 rating ensures protection against dust and moisture, making it suitable for harsh industrial environments. The A860-0360-V501 encoder is compatible with the A860-0360-V906 cable, facilitating easy integration into existing systems. This encoder is available in new, refurbished, and repairable conditions, offering flexibility to meet various operational needs.