AUTOMATION TRADER

1FT6044-4AK71-4EH1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6044-4ak71-4eh1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous AC Servomotor
Rated Torque	5.0 Nm
Maximum Speed	6000 RPM
Protection Class	IP65
Encoder Type	Absolute Encoder (EnDat 2048 S/R)

Description

The Siemens 1FT6044-4AK71-4EH1 is a high-performance synchronous AC servomotor from the SIMOTICS S series, designed for precision motion control applications. This motor features a rated torque of 5.0 Nm and operates at a maximum speed of 6,000 rpm, making it suitable for demanding industrial tasks requiring high-speed and high-torque performance.

It is naturally cooled and has a protection class of IP65, ensuring reliable operation in various environments. The motor is equipped with an absolute encoder (EnDat 2048 S/R) for precise position feedback, and its construction type is IM B5, suitable for mounting in various configurations.

The axial connector outlet direction (axial DE) facilitates easy integration into existing systems. This motor is ideal for applications in automation, robotics, and other fields where precise and reliable motion control is essential.