AUTOMATION TRADER

1FT6034-1AK71-4EG1-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft6034-1ak71-4eg1-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous Servomotor
Rated Torque	2.0 Nm
Rated Speed	6000 rpm
Cooling Method	Natural Air Cooling
Enclosure Rating	IP65
Encoder Type	Absolute Encoder (EnDat 2048 S/R)
Connector Orientation	Axial
Holding Brake	Without

Description

The Siemens 1FT6034-1AK71-4EG1-Z is a high-performance synchronous servomotor from the SIMOTICS S series, designed for precision motion control applications. This model features a rated torque of 2.0 Nm and operates at a nominal speed of 6000 rpm, ensuring efficient and reliable performance.

It utilizes natural air cooling and is housed in an IP65-rated enclosure, providing robust protection against dust and water ingress. The motor is equipped with an absolute encoder (EnDat 2048 S/R), offering precise position feedback for enhanced control accuracy.

Its axial power and signal connectors facilitate straightforward integration into various automation systems. The absence of a holding brake makes it suitable for applications where external braking is not required.

This servomotor is ideal for use in industries such as automotive, aerospace, and electronics, where high precision and durability are essential.

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