AUTOMATION TRADER

1FT7066-5AF71-1CG1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft7066-5af71-1cg1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT7066-5AF71-1CG1
Product Type	Synchronous Motor
Product Series	SIMOTICS S-1FT7
Moc znamionowa	2.92 kW
Rated Speed	3000 rpm
Rated Torque	12 Nm
Cooling Type	Natural
Frame Size	IMB 5
Flange Type	Conventional
Power Connector	Rotatable
Encoder Type	Absolute Encoder with 24-bit resolution plus 12-bit multi-turn

Description

The Siemens 1FT7066-5AF71-1CG1 is a high-performance synchronous motor from the SIMOTICS S-1FT7 series, engineered for precision motion control in industrial applications. This motor delivers a rated power of 2.92 kW and operates at a nominal speed of 3,000 rpm, providing a rated torque of 12 Nm (100K).

It features natural cooling and is housed in a frame size IMB 5, compatible with conventional flanges (1FT6/1FK7). The motor is equipped with a rotatable power connector and an absolute encoder with

24-bit resolution plus a 12-bit multi-turn, utilizing the Drive-CLiQ interface for seamless integration.

Designed for durability, it offers a protection degree of IP65, ensuring reliable performance in demanding environments. The 1FT7066-5AF71-1CG1 is ideal for applications requiring precise speed and torque control, such as robotics, CNC machinery, and automated production lines.

AUTOMATION TRADER

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