1FT610S-8AF71-2AE0

Industrial automation components

Add to quote

Ask about this product



Manufacturer	Siemens
Catalog number	1ft610s-8af71-2ae0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Type	Synchronous Servomotor
Rated Torque	27 Nm
Maximum Speed	3000 rpm
Cooling Method	Natural Air Cooling
Encoder Type	Incremental Encoder
Mounting Standard	IM B5 (IM V1, IM V3)
Protection Rating	IP67

Description

The Siemens 1FT610S-8AF71-2AE0 is a high-performance synchronous servomotor from the SIMOTICS S series, designed for precision motion control applications. This motor features a rated torque of 27 Nm and operates at a maximum speed of 3000 rpm, providing reliable and efficient performance for demanding industrial tasks.

It utilizes natural air cooling, eliminating the need for external cooling systems and simplifying maintenance requirements. The motor is equipped with an incremental encoder system, offering precise position feedback essential for accurate motion control.

Its robust construction includes a smooth shaft with a circular runout tolerance of N, ensuring minimal vibration and enhanced operational stability. The motor's design adheres to the IM B5 (IM V1, IM V3) mounting standard, facilitating versatile installation options.

With a vibration severity grade of N and an IP67 rating, the 1FT610S-8AF71-2AE0 is built to withstand harsh industrial environments, offering durability and longevity. This servomotor is ideal for applications requiring high torque and speed precision, such as robotics, CNC machinery, and

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

Generated on demand. The PDF file is not stored on the server.

automated production lines.

AUTOMATION TRADER

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE

VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

Generated on demand. The PDF file is not stored on the server.