1FK7032-2AK71-1QG1-Z

Industrial automation components

Add to quote

Ask about this product



Manufacturer	Siemens
Catalog number	1fk7032-2ak71-1qg1-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FK7032-2AK71-1QG1-Z
Product Type	Synchronous Motor
Moc znamionowa	0.5 kW
Rated Speed	6000 rpm
Encoder Resolution	20-bit single-turn
Interface	DRIVE-CLiQ
Stopień ochrony	IP65
Cooling Type	Natural cooling

Description

The Siemens 1FK7032-2AK71-1QG1-Z is a high-performance SIMOTICS S synchronous motor designed for precision applications requiring reliable and efficient operation. This motor features a rated power of 0.5 kW and operates at a rated speed of 6,000 rpm, making it suitable for tasks demanding consistent performance.

It is equipped with a permanent-magnet synchronous motor type, ensuring high efficiency and compact design. The motor includes an absolute encoder with a single-turn 20-bit resolution and DRIVE-CLiQ interface, facilitating precise position feedback and seamless integration into automation systems.

With a degree of protection IP65, it is well-suited for environments where dust and water resistance are essential. The motor's natural cooling system eliminates the need for additional cooling components, simplifying maintenance and reducing operational costs.

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.

Its compact design and high torque density make it ideal for applications in robotics, CNC machinery, and other automation systems where space constraints and performance are critical.

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.