6SN21552CM101BA1

Industrial automation components

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Manufacturer	Siemens
Catalog number	6sn21552cm101ba1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Operating Voltage	48 V DC
Rated Output Power	176 W
Continuous Torque	0.48 Nm
Maximum Speed	3,500 rpm
Gear Ratio	35:1 ratio
Measuring System	Incremental system
Protection Rating	IP54 rating

Description

The Siemens 6SN2155-2CM10-1BA1 is a programmable positioning motor from the SIMODRIVE POSMO A series, designed for precise motion control in industrial automation applications. Operating at 48 V DC with a rated output of 176 W, it delivers a continuous torque of 0.48 Nm and achieves a maximum speed of 3,500 rpm.

The motor features a planetary gearbox with a gear ratio of 35:1, providing high torque output while maintaining compact dimensions. Its brushless design ensures low maintenance and high reliability.

The motor is equipped with an incremental measuring system, offering 4,096 increments per motor revolution for accurate position feedback. With an IP54 protection rating, it is suitable for environments where dust and water exposure are minimal.

This motor is ideal for applications requiring precise positioning and reliable performance in demanding industrial settings.

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