SNS50 MOTOR FEEDBACK SYSTEM

Product Data Sheet

SNS50-HBA0-S01

Motor feedback encoder

FUNCTION	FAMILY	ORIGIN	WEIGHT
Motor feedback encoder	**SNS50 motor feedback system**	**Germany**	**0.10 kg**

SICK SNS50-HBA0-S01 is a Motor feedback encoder for the SNS50 motor feedback system. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Sine cosine periods	1024 per revolution
Absolute track	1 sine cosine period per revolution
Absolute value	Binary
Output frequency	100 kHz
Working speed	6000 rpm
Maximum speed	9000 rpm
Angular acceleration	0.2 × 10■ rad per s²
Operating torque	0.2 Ncm
Starting torque	0.4 Ncm
Supply voltage	7 to 12 V

02 ADDITIONAL PRODUCT DATA

Recommended supply	8 V
Maximum current consumption	100 mA
Parameter memory	160 byte EEPROM
Parameter interface	RS485
Protection class	IP40

03 OFFICIAL APPLICATIONS

- Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations
- Vehicle and Automotive Component Manufacturing: Vehicle production and assembly industries; Automotive component manufacturing
- Electronic Component and Precision Product Manufacturing: Electronic component production; Precision electromechanical manufacturing

04 SYSTEM COMPATIBILITY

Match SNS50-HBA0-S01 to the installed SNS50 motor feedback system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

SICK SNS50-HBA0-S01 official product data

Manufacturer technical documentation summarized for the exact model

AMIKON PRODUCT SUPPORT

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