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Data Sheet

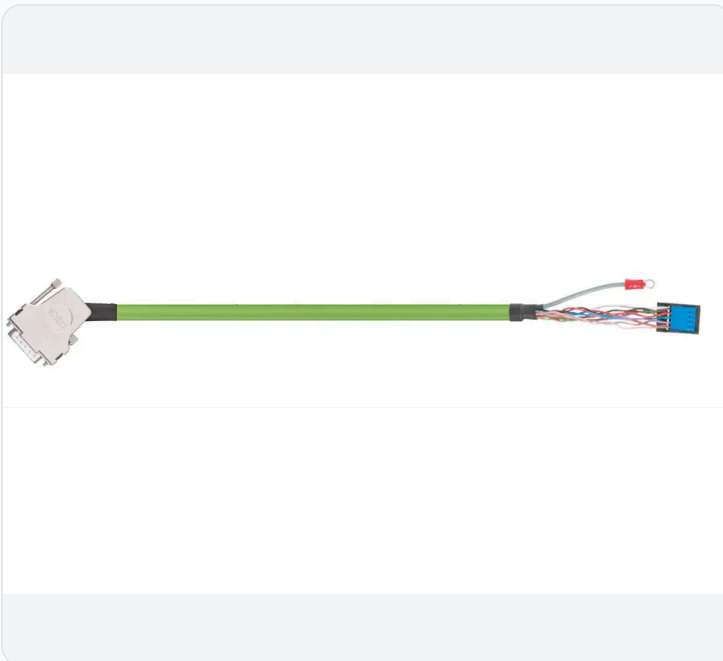
August 15, 2026

BOSCH REXROTH

Bosch Rexroth IKS4103 Motor Encoder Cable

Bosch Rexroth IKS4103 Motor Encoder Cable This listing is a cable or lead accessory in the Bosch Rexroth catalog. Public OEM literature for this exact SKU does not publish a dense numeric performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate. Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU. Catalog identity matched to brand, model, and SKU. No invented electrical performance numbers. Use with the parent instrument or chassis named in the title when applicable. Documented as thin because OEM numeric tables are not public.

Catalog Title: Bosch Rexroth IKS4103 Motor Encoder Cable



MODEL

**Bosch Rexroth
IKS4103**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

IKS4103

LISTING

<https://aumictechlabs.com/products/iks4103-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Bosch Rexroth IKS4103 is a motor encoder cable engineered for integration with Bosch Rexroth motors, delivering positional and speed feedback essential for precision industrial automation control. Built with tinned copper stranded conductors and dual-layer braided shielding, this cable withstands demanding operational environments while maintaining signal integrity. The TPE insulation and jacket provide environmental resistance and silicone-free construction compliant with PV 3.10.7 – status 1992, making it suitable for applications where paint

adhesion and harsh conditions are critical. Technical Specifications Conductor: Tinned copper, stranded, bending-resistant configuration per DIN EN 60228 Insulation & Jacket: TPE (Thermoplastic Elastomer) Shielding: Dual braided tinned copper layers - element and overall shields with 70% linear coverage and 90% optical coverage, optimized for high bending resistance Voltage Rating: 50 V Outer Diameter: 0.33 inch Weight: 61.1 lbs/mft; Copper Index: 38.3 lbs/mft Available Lengths: 7, 8, and 10 meters; custom lengths available upon request Connector Options: 7-pin or 15-pin, configuration-dependent Key Features Dual-layer braided shielding ensures solid EMC immunity when properly spaced from power cables TPE materials rated for harsh industrial environments Silicone-free construction prevents adhesion interference on painted surfaces High bending resistance through stranded tinned copper and specialized shield geometry Standard DIN EN 60228 compliance for conductor specifications Typical Applications Position and velocity feedback in servo drive systems Motion control feedback networks requiring EMC-protected signal transmission Energy chain and cable tray installations in dynamic motion applications Industrial automation systems demanding encoder signal integrity in harsh conditions Compatibility & Integration Designed specifically for Bosch Rexroth motors and compatible with Bosch Rexroth drive and control devices. Installation requires trained personnel and adherence to manufacturer directives, particularly regarding allowed bending radii, cable routing separation, and energy chain load management. Connectors must be pulled during disconnection to prevent damage.

IKS4103 Characteristics / Specifications

PARAMETER	VALUE
Model	IKS4103
Brand	Bosch Rexroth
Catalog Title	Bosch Rexroth IKS4103 Motor Encoder Cable
Sku	IKS4103
Product Class	cable or lead accessory
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	IKS4103
Manufacturer Line	Bosch Rexroth
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	IKS4103
Brand	Bosch Rexroth
Catalog Title	Bosch Rexroth IKS4103 Motor Encoder Cable
Sku	IKS4103
Product Class	cable or lead accessory
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	IKS4103
Manufacturer Line	Bosch Rexroth
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.