

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

BOSCH REXROTH

Bosch Rexroth IKG4020 Power Cable

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 IKG4020 Power Cable 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 IKG4020 Power Cable Document Class: accessory or spare identity sheet



MODEL

**Bosch Rexroth
IKG4020**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

IKG4020

LISTING

<https://aumictechlabs.com/products/ikg4020-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Bosch Rexroth IKG4020 is a 600 V power cable engineered for industrial automation systems, specifically designed to connect power supplies to Bosch Rexroth servo drives and components. Built with TPE conductor insulation and available with a full PUR jacket option, this cable delivers reliable power transmission in demanding operational environments. The design is silicone-free, RoHS-compliant, and flame-retardant per VDE 0482 T 265-2, DIN EN 50265/2, IEC 60332-1, UL 1581 section 1080 VW-1, and CSA FT 1 standards. Halogen-free variants are available per DIN EN 50267-2-1. Technical Specifications Voltage Rating: 600 V Conductor Insulation: TPE Jacket Material: PVC with 7.5×d rating; full PUR jacket option available Jacket Color: Orange (RAL 2003) Cable Diameter: Varies by conductor count and cross-section (examples: ~15.6 mm for 1.5 mm²)

and ~4.0 mm for 35.0 mm²) Silicone-Free: Yes RoHS Compliant: Yes Flame-Retardant: VDE 0482 T 265-2, DIN EN 50265/2, IEC 60332-1, UL 1581 section 1080 VW-1, CSA FT 1 Halogen-Free Option: DIN EN 50267-2-1 Key Features Standard lifetime: 30,000 operating hours and 5 million bending cycles Available lengths: 0.5 m minimum with 0.1 m increments; up to 75 m maximum for motor and encoder applications Current carrying capacity varies by cross-section and ambient temperature; rated at +40 °C ambient Designed for harsh industrial environments Typical Applications Bosch Rexroth servo drive power connections Industrial automation machinery Motor and encoder cabling systems Compatibility & Integration Purpose-built for Bosch Rexroth servo drives and components Part of the IKG series cable family Maintains compatibility with related Bosch Rexroth systems

IKG4020 Characteristics / Specifications

PARAMETER	VALUE
Model	IKG4020
Brand	Bosch Rexroth
Catalog Title	Bosch Rexroth IKG4020 Power Cable
Sku	IKG4020
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	IKG4020
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	IKG4020
Brand	Bosch Rexroth
Catalog Title	Bosch Rexroth IKG4020 Power Cable
Sku	IKG4020
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	IKG4020
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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

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