

Replace Yr Sick SRS50-HWA0-K01 (1034192) withThis >Sick SRS50-HWA0-K21 (1037091)



:: Ready Stock at Dubai :: Same Day : Worldwide Shipping ::

Rating: Not Rated Yet
Price

[Ask a question about this product](#)

Description " Sick SRS50-HWA0-K21 (1037091 Single Turn ; Single, 512 EEprom, connector M23; HIPERFACE 1024 Sin/Cos periods
{ "@context": "https://schema.org", "@type": "VideoObject", "name": "? Watch video of Sick Multi turn encoders : SRS50, Subscribe for information updates, discount offers SRS50-HWA0-K21 (1037091)", "description": "? Ajman Factories Equipment Trading (Est. 2003 in UAE), Stocks Sick, Brand Encoders. We have Ready Stock of SRS50HWA0K21 indent Nr. 103 7 091, Ask for Services for Health Checking signals, Troubleshooting errors at your Machine, Some refer to this encoder as SRS50HWA0K21 indent Nr. 103 7 091 If you are in Bahrain, Qatar, Kuwait or Oman, Saudi Arabia you can send anyone to collect this encoder and get your Machine started same or next day. In Certain cases when Not in Stock we might be able to supply equivalent(electrical same signal | Dimension same or minor variation)from other brands e.g, Baumer, Sick, Stegmann, Kubler, Posital, TR Electronics, Heidenhian ", "inLanguage": "en", "publisher": { "@type": "Organization", "name": "Ajman Factories Equipment Trading", "contentUrl": "https://www.youtube.com/watch?v=2VED0HUJRLY", "embedUrl": "https://www.youtube.com/embed/2VED0HUJRLY", "thumbnailUrl": "https://i.ytimg.com/vi/2VED0HUJRLY/hqdefault.jpg", "uploadDate": "2026-02-22T00:00:00Z" } "

Why Buy From Us?

- Ready stock in Dubai (UAE)
- Same day dispatch on available items

- Worldwide shipping (Express options)
- Technical support & troubleshooting assistance
- Field service support available
- Trusted industrial supplier since 2003

Frequently Asked Questions

Is this SRS50HWA0K21 indent Nr. 103 7 091 available in stock?

Yes. This SRS50HWA0K21 indent Nr. 103 7 091 is currently Ready Stock in Dubai.

Do you ship internationally?

Yes. We ship worldwide with express courier options.

Can you support installation or troubleshooting?

Yes. Technical support and field service options are available upon request.

Can I get equivalent or upgraded model?

Yes. Contact us for compatibility verification and upgrade options.

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Sick SRS50-HWA0-K21 (1037091) | Encoder | Datasheet available- We can do interfacing of this with Most systems | Dubai Stock | Worldwide Shipping - Delivery to USA 2-3 Days

Sick SRS50-HWA0-K21 (1037091) Encoder. Ready Stock in Dubai with Worldwide Shipping - Delivery to USA 2-3 Days .

Quick Specs

- Model: SRS50-HWA0-K21 (1037091)
- OEM Part No: SRS50HWA0K21 indent Nr. 103 7 091
- Installation design: We can send engineer to design installtion of this on New machines, or Improve Mounting on Old Failure prone systems: We have all Electrical Data sheet|Programming Data | Mechanical drawings available
- Signal Checking | Health check service for Sick_ Hiperface Shaft Encoders_ Encoder
- Get your machine started right away: Fully Tested encoders

Key_Electrical / Interface Specification Data

- > : Hiperface
- > : Datasheet available- We can do interfacing of this with Most systems
- > : Pin?out information available. We provide service for Wiring & Installation
- > : Output Signal Connection details available- we can wire it to Most Encoder evaluation modules, Drives, Monitors & Controllers
- > : Power Requirement & Connections available - We Provide consultancy serices for Wiring for Compliance with Standards

Key_Mechanical Specification Data

- :: We can send engineer to design installtion of this on New machines, or Improve Mounting on Old Failure prone systems: We have all Electrical Data sheet|Programming Data | Mechanical drawings available
- :: We can troubleshoot Mechanical installation of this encoder to find root cause of Frequent failure of this , We have Mounting details available
- :: If you need to connect it , We Can design & Supply adaptations, We have Shaft and flange specifications available
- :: We can provide Guideance | Services for Usage of this as per the Application area, Operating context of User, We have complete Datasheets that include Recommended Ambient Conditions
- :: Consultancy forAssessment of Application suitability, upgrade of System available

Key Performance Specifications

- Model: SRS50-HWA0-K21 (1037091)
- OEM Part No: SRS50-HWA0-K21 (1037091)
- ? : Pin?out information available. We provide service for Wiring & Installation
- ? : Signal Testing Equipment & Procedure available - to help in troubleshooting, establish failure, condition monitoring for Predictive maintenance

Salient Features

Fully Tested encoders

Applications

Common Field of Applications: Measurement of absolute position in various machines and systems such as wind power and solar plants, material handling equipment, textile machines, packaging plants, rollers, port facilities, printing machine, Motion Control Feedback, Conveyors, Elevator Controls, Machine Control, Food Processing, Process Controls, Robotics, Material Handling, Textile Machines

Also searched as: Sick SRM50, Sick SRS50, Sick SRS-50, Sick SRM-50, SRS50-HWA0-K21 (1037091), SRS50-HWA0-K01 (1034192) SRS50-HWA0-K21;SRS 50-HWA0-K21; SRS50HWA0K21;1037091, SRS50-HWA0-K21:SRS50 HWA0

We come to you : Field Service visit for Automated Machinery Users in GCC

- ? Field Service for Troubleshooting of Encoder Faults, Servo Errors, Signal health for :
- ? Field Service for Diagnosing the Errors & Taking Corrective Steps for fixing interfacing, Parameterisation errors:
- ? Field Service Visit for Evaluating the possibility of Modification of Mechanical Arrangement |Installing Upgraded version for :
- ? We Provide Same Day Field Service to Users in UAE - Abudhabi, Dubai, Sharjah, Ras Al Khaima, UmmAlQuain, Fujairah Oman, Bahrain, Qatar, Kuwait (NextDay) Saudi Arabia (per Visa availability) Indian Subcontinent (5-7Days) for :

Send the unit to Our Workshop-for Evaluation | Repair | Programming

- ? Connector Repair Services available for :
- ? Couplings Design Services & Supply of couplings for :
- ? Supply of Standard Flange for Mounting this encoder on your machine:
- ? Contact us for Ordering Custom made Flange for :
- ? Contact us for Ordering Cable for Connecting this encoder to Drive Controller :
- ? We supply Worldwide - USA, Europe (3-4 Days), Oman (NextDay), Bahrain, Qatar, Kuwait, Saudi Arabia (2-3days) Indian Subcontinent (5-7Days) :

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For sale is : One quantity as per the Picture

Sick SRS50-HWA0-K21 (1037091)

Single, 512 EEprom, connector M23

Data sheet here:

<https://www.sick.com/de/en/motor-feedback-systems/motor-feedback-systems-rotary-hiperface/srsrcrm50/srs50-hwa0-k21/p/p255257>

SRS50-HWA0-K21 MOTORFEEDBACK HIPERFACE 1024 Sin/Cos periods

Sick SRS50-HWA0-K21 (1037091) is a replacement of Sick SRS50-HWA0-K01 (1034192)

Sick SRS50-HWA0-K21 (1037091) Overview

SRS50-HWA0-K21 MOTORFEEDBACK HIPERFACE 1024 Sin/Cos periods

Sick SRS50-HWA0-K21 (1037091) Description

Motor feedback systems for the top performance range

1,024 sine/ cosine periods per revolution

Absolute position with a resolution of 32,768 increments per revolution and 4,096 revolutions with the multiturn system

HIPERFACE® interface: Programming of the position value and electronic type label

Insert shaft or tapered shaft with various torque supports

Integrated version, mounted version or stand-alone design

Certified according to SIL2/PL d (only valid for SRS50S/SRM50S...)

Conforms to RoHS

Your benefits

Motor feedback system with HIPERFACE® interface

High shock/vibration resistance thanks to built-in metal code disk

Consistent motor design due to identical size of single and multiturn design

Compliance with the new machine directive thanks to use of a motor feedback system certified according to SIL2/PL d

Very smooth running thanks to maximum ball bearing distance

Performance

Number of sine/cosine periods per revolution: 1,024

Number of the absolute ascertainable revolutions: 1 (Singleturn)

Total number of steps: 32,768

Measuring step: 0.3 angular seconds at interpolation of the sine/cosine signals with e.g. 12 Bit

Integral non-linearity typ.: ± 45 angular seconds (Error limits for evaluating sine/cosine period)

Differential non-linearity: ± 7 angular seconds (Non-linearity within a sine/cosine period)

Operating speed: 6,000 /min, up to which the absolute position can be reliably produced

Available memory area: 128 Byte (EEPROM 512)

Mechanical data

Shaft diameter: 10 mm

Flange type/stator coupling: Face mount flange

Dimensions: See dimensional drawing

Moment of inertia of the rotor: 25 gcm²

Maximum operating speed: 6,000 /min

Maximum angular acceleration: 200,000 rad/s²

Operating torque: 1 Ncm

Start up torque: 1.5 Ncm

Life of ball bearings: 3.6 x 10⁹ revolutions

Connection type: Connector M23, 12-pin, radial

Shaft version: Solid shaft

Permissible Load capacity of shaft: 20 N (axial), 40 N (radial)

Electrical data

Electrical interface: HIPERFACE

Operating voltage range/supply Voltage: 7 V DC ... 12 V DC

Recommended supply voltage: 8 V DC

Output frequency for sine/cosine signals: 0 kHz ... 200 kHz

Operating power consumption (no load): 80 mA 1)

1) Without load

Interfaces

Type of code for the absolute value: Binary

Code sequence: Increasing, for clockwise shaft rotation, looking in direction "A" (see dimensional drawing)

Interface signals: Parameter channel RS 485: digital, Process data channel SIN, REFSIN, COS, REFCOS: analog, differential

Ambient data

Working temperature range: -30 °C ... 85 °C

Storage temperature range: -30 °C ... 90 °C, without package

Relative humidity / Condensation: 90 %, Condensation not permitted

Resistance to shocks: 30 g, 6 ms (according to EN 60068-2-27)

Resistance to vibration: 20 g, 10 Hz ... 2,000 Hz (according to EN 60068-2-6)

EMC: According to EN 61000-6-2 and EN 61000-6-3 1)

Enclosure rating: IP 65, according to IEC 60529, with mating connector inserted

- Dubai / UAE based industrial automation spare parts supplier
- Ready stock on many listed items, subject to prior sale
- Same-day dispatch available on confirmed stock items
- Worldwide shipping with express courier options
- Technical support and troubleshooting assistance available
- Field service support available on request
- Trusted industrial supplier since 2003

Frequently Asked Questions

Is this item available in stock?

Many listed items are available from Dubai / UAE stock. Availability is subject to prior sale, so please contact us by WhatsApp, phone, or email to confirm current stock before ordering.

Do you ship internationally?

Yes. We stock and ship industrial automation spare parts worldwide using express courier options.

Can you support installation or troubleshooting?

Yes. Technical support and field service options are available for purchased items upon request.

Can I get an equivalent or upgraded model?

Yes. Contact us with your part number, machine details, or photos, and we will help check compatibility, replacement options, or upgraded models.

Can I cancel or modify an order after it has been placed?

Yes, where possible. Please contact us as soon as possible with your order details. We will assist based on the order status, packing status, and shipment status.

Can I return or exchange a product?

Returns or exchanges may be possible depending on the product type, condition, and order terms. Please review our return policy or contact our team before ordering if you need confirmation.