

SICK Drehgeber DFS60A-S4EC00720 DFS 60A DFS 60A ID Nr. 1068584



10 V ... 32 V, HTL/Push pull/720 Lines;PIN, 8-pin, M12 male connector

Rating: Not Rated Yet

Price

[Ask a question about this product](#)

Description " {"@context":"https://schema.org","@type":"VideoObject","name":"","? Watch video of DFS60A-S4EC00720, Subscribe for information updates, discount offers ","description":"","? Ajman Factories Equipment Trading (Est. 2003 in UAE), Stocks Sick |Stegmann, Brand Encoders. We have Ready Stock of DFS-60A-S4EC00720; DFS60A720 ; DFS 60 A HTL 720; Sick 1068584;Shaft encoder DFS60A; 106 8 584, Ask for Services for Health Checking signals, Troubleshooting errors at your Machine, Some refer to this encoder as DFS60A-S4EC00720 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=_6l5rtTVRgk","embedUrl":"https://www.youtube.com/embed/_6l5rtTVRgk","thumbnailUrl":"https://i.ytimg.com/vi/_6l5rtTVRgk/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 DFS60A-S4EC00720 available in stock?

Yes. This DFS-60A-S4EC00720; DFS60A720 ; DFS 60 A HTL 720; Sick 1068584;Shaft encoder DFS60A; 106 8 584 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 |Stegmann DFS60A-S4EC00720 | Shaft | Datasheet available- We can do interfacing of this with Most systems | Dubai Stock | Worldwide Shipping - Delivery to USA 2-3 Days

Sick |Stegmann DFS60A-S4EC00720 Shaft. Ready Stock in Dubai with Worldwide Shipping - Delivery to USA 2-3 Days .

Quick Specs

- Model: DFS-60A-S4EC00720; DFS60A720 ; DFS 60 A HTL 720; Sick 1068584;Shaft encoder DFS60A; 106 8 584
- OEM Part No: DFS60A-S4EC00720
- 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 |Stegmann_ Encoder Hollow: 3/8" , OC Driver_ Shaft
- Get your machine started right away: Optical sensing method
- ? Output stage HTL with power linedriver
- ? TTL output driver for cable length up to 550 m
- ? Operating temperature up to +100 °C
- ? Hybrid bearing for extended service life

Key_Electrical / Interface Specification Data

- > : 720 HTL
- > : 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: Shaft
- OEM Part No: DFS 60A ;DFS 60 A;106 8 584;DFS60A; 106 8 584
- ? : 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

- Optical sensing method
- ? Output stage HTL with power linedriver
- ? TTL output driver for cable length up to 550 m
- ? Operating temperature up to +100 °C
- ? Hybrid bearing for extended service life

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: DFS60AS4EC00720

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 : 1 Quantity of Encoder :

1xSICK Drehgeber DFS60A-S4EC00720

[Datasheet Download from Here: Click here](#)

SICK

INCR. ENCODER LINES: 720

VDC: 10-32

DRIVER: HTL

DFS60A-S4EC00720

INDENT NR. 1068584

YYWW:1437/5923

----- 1xSICK Drehgeber DFS60A-S4EC00720 SICK INCR. ENCODER LINES: 720 VDC: 10-32 DRIVER: HTL DFS60A-S4EC00720 INDENT NR. 1068584 YYWW:1437/5923 PERFORMANCE Pulses per revolution 720 Measuring step 90° / electronically/number of lines Measuring step deviation at non binary number of lines ± 0.008° Error limits ± 0.03° Initialization time 40 ms INTERFACES Connection type Male connector, radial ELECTRICAL DATA Electrical interface 10 V ... 32 V, HTL/Push pull Initialisation time after power on 40 ms Connection type Male connector, radial Power consumption max. without load 0.5 W (without load) Operating voltage range 10 V ... 32 V Load current max. ? 30 mA Maximum output frequency 820 kHz Reference signal, number 1 Reference signal, position 90°, electric, logically gated with A and B Reverse polarity protection ? Short-circuit protection of the outputs ? 1) MTTFd: mean time to dangerous failure 300 years (EN ISO 13849-1) 2) 1) Short-circuit opposite to another channel, US or GND permissible for maximum 30 s. 2) This product is a standard product and does not constitute a safety component as defined in the Machinery Directive. Calculation based on nominal load of components, average ambient temperature 40°C, frequency of use 8760 h/a. All electronic failures are considered hazardous. For more information, see document no. 8015532. MECHANICAL DATA Mechanical interface Solid shaft, Face mount flange Shaft diameter 10 mm x 19 mm 1) Mass 0.3 kg Flange material Aluminum 2) Housing material Aluminum die cast 2) Start up torque 0.5 Ncm (+20 °C) Operating torque 0.3 Ncm (+20 °C) Permissible shaft loading radial/axial 80 N (radial) 40 N (axial) Maximum operating speed 9,000 /min 3) Moment of inertia of the rotor 6.2 gcm² Bearing lifetime 3.6 x 10¹⁰ revolutions Max. angular acceleration ? 500,000 rad/s² 1) Other diameters, lengths and expanding shafts on request. 2) Stainless steel on request. 3) Self warming of 3.3 K per 1000 revolutions/min when applying note working temperature range. AMBIENT DATA EMC According to EN 61000-6-2 and EN 61000-6-4 Enclosure rating IP 67, housing side (according to IEC 60529) 1) IP 65, shaft side (according to IEC 60529) 2) Permissible relative humidity 90 % (condensation of the optical scanning not permitted) Working temperature range -40 °C ... +100 °C 3) -30 °C ... +100 °C 4) Storage temperature range -40 °C ... +100 °C, without package Resistance to shocks 100 g (according to EN 60068-2-27) Resistance to vibration 30 g, 10 Hz ... 2,000 Hz (according to EN 60068-2-6) 1) With mating connector fitted. 2) IP 67 on request. 3) Stationary position of the cable. 4) Flexible position of the cable.

Why Buy From Instock Spares?

- 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.