

IFM GM505S | GIMC-4035-US | GM505S | G1MC-4035-US |



Fail-safe inductive sensor

Rating: Not Rated Yet
Price

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Description IFM GM505S | GIMC-4035-US | GM505S | G1MC-4035-US | Fail-safe inductive sensor GM505S | GIMC-4035-US Fail-safe inductive sensor GM505S

IFM Efeetor GM505S | GIMC4035 US | Fail-safe inductive sensor | Datasheet available- We can do interfacing of this with Most systems | Dubai Stock | Worldwide Shipping - Delivery to USA 2-3 Days

IFM Efeetor GM505S | GIMC4035 US Fail-safe inductive sensor. Ready Stock in Dubai with Worldwide Shipping - Delivery to USA 2-3 Days .

Quick Specs

- Model: GM505S | GIMC-4035-US
- OEM Part No: GM505S | GIMC4035 US
- 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 IFM Efeetor_ Servo Drive_ Fail-safe inductive sensor
- Get your machine started right away: Fail-safe inductive sensor GM505S

For ensuring machine safety

Certified to the following standards: EN 60947-5-3, IEC 61508 and ISO 13849

No special actuator for electronic fail-safe sensors required
Direct connection to safe ifm relays
Series connection of sensors possible

Key_Electrical / Interface Specification Data

- > : IFM Germany
- > : 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 Guidance | 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: Fail-safe inductive sensor
- OEM Part No: GM505S | GIMC-4035-US
- ? : 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

Fail-safe inductive sensor GM505S
For ensuring machine safety
Certified to the following standards: EN 60947-5-3, IEC 61508 and ISO 13849
No special actuator for electronic fail-safe sensors required
Direct connection to safe ifm relays
Series connection of sensors possible

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: GM 505 S | GIMC-4035-US |GM505 S | G1MC-4035-US |GMS05S | GIMC-4035-US | GIMC-4035-US | , GM505S, GM505S, GIMC-4035-US, G1MC-4035-US, GIMC4035US

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 : IFM Efector GM505S
- ? Field Service for Diagnosing the Errors & Taking Corrective Steps for fixing interfacing, Parameterisation errors: IFM Efector GIMC-4035-US
- ? Field Service Visit for Evaluating the possibility of Modification of Mechanical Arrangment |Installing Upgraded version for : IFM Efector

G1MC-4035-US

? 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 : IFM Efector GIMC4035US

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

? Connector Repair Services available for : IFM Efector GM505S | GIMC-4035-US
? Couplings Design Services & Supply of couplings for : IFM Efector GM505S | GIMC4035 US
? Supply of Standard Flange for Mounting this encoder on your machine: IFM Efector GM505S
? Contact us for Ordering Custom made Flange for : IFM Efector GIMC-4035-US
? Contact us for Ordering Cable for Connecting this encoder to Drive Controller : IFM Efector G1MC-4035-US
? We supply Worldwide - USA, Europe (3-4 Days), Oman (NextDay), Bahrain, Qatar, Kuwait, Saudi Arabia (2-3days) Indian Subcontinent (5-7Days) : IFM Efector GIMC4035US

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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 GM505S | GIMC-4035-US available in stock?

Yes. This GM505S | GIMC4035 US is currently Ready Stock in Dubai.

Do you ship internationally?

Yes. We Stock and ship IFM Efector worldwide with express courier options.

Can you support installation or troubleshooting?

Yes. Technical support and field service options are available for GM505S | GIMC4035 US upon request.

Can I get equivalent or upgraded model?

Yes. Contact us for compatibility verification and IFM Efector GM505S | GIMC-4035-US upgrade options.

Are there any restrictions on using multiple discount codes for a single order?

Yes. The use of multiple discount codes for a single order may be subject to certain restrictions. Please refer to the terms and conditions of the discount codes or contact our customer service team for more information.

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

Yes. We understand that circumstances may change, and you may need to cancel or modify an order. Please contact our customer service as soon as possible with your order details, and we will assist you based on the order status and feasibility.

Can I return or exchange a product if I'm not satisfied?

Yes, we have a hassle-free return and exchange policy. If you're not satisfied with your purchase, you can return the product within a specified timeframe and receive a refund or exchange based on the terms and conditions.

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[Product Data at Manufacturer Site](#)

[?Download? data sheet -Click? HERE?](#)

Product characteristics

- Fail-safe inductive sensor
- Rectangular, plastics
- M12 connector
- Enable zone 10...20 mm; [nf] non-flush mountable
- Complies with the requirements:
- EN ISO 13849-1: 2015 Category 4 PL e
- IEC 61508: SIL 3

Application

- Type of operation = continuous operation (maintenance-free)

Electrical data

- Electrical design = DC
- Operating voltage [V] = 24 DC (19.2...30 DC)
- Rated insulation voltage [V] = 30
- Current consumption [mA] =
- Protection class = III
- Reverse polarity protection = yes

Outputs

- Output function = Clock signal
- Output data = Interface type B
- Short-circuit protection = yes
- Max. capacitive load CL_max [nF] = 20

Monitoring range

- Enable zone [mm] = 10...20
- Safe switching off distance s(ar) [mm] = 35
- Reaction times
- Power-on delay time [s] = 5
- response time to safety request [ms] = ? 20
- response time when approaching the enable zone (enable time) [ms] = ? 200; typ. 100

Environment

- Applications = Class C to EN 60654-1 weatherproof application
- Ambient temperature [°C] = -25...70, for service life ? 87600 h
- 10...40, for service life ? 175200 h
- Rate of temperature change [K/min] = 0.5
- Max. relative air humidity [%] = 5...95, briefly
- 5...70, permanently
- Air pressure [kPa] = 80...106
- Protection = IP 65 / IP 67; to EN 60529

Mechanical data

- Mounting = non-flush mountable
- Housing materials = PPE; diecast zinc
- Weight [kg] = 0.355

Displays / operating elements

- Display = LED yellow (signal), LED green (power)

Electrical connection

- Connection = M12 connector; gold-plated contacts
-

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.