

Heidenhain Drehgeber ROD 426 5000/27S12-03 ID 376 846-SW 5V TTLx2 Incremental Encoder TTL 5000 PPR



ROD 426 5000/27S12-03 ID 376 846-SW ; TTL ; 5000 Lines; 5V; 6mm Shaft; Synchro Flange; M23 Flange Socket;

Rating: Not Rated Yet

Price

[Ask a question about this product](#)

Description

ROD 400 Series with Synchro Flange

Rotary encoders for separate shaft coupling

For sale is : Encoder ROD 426 5000/27S12-03 ID 376 846-SW

Incremental Signals : *TTL*

Line count : 5000

Cutoff frequency –3dB ? 300 kHz

Scanning frequency --

Edge separation a : ?0.43μS

System Accuracy : 1/20 of Grating Period

Power supply: 5V±5%

Current consumption (withoutLoad) : ?120mA

Electrical connection:**Flange socket** M23, radial and axial ****

Shaft : Solid Shaft D =6mm

Mech. perm. speed n : ?16 000 rpm

Starting torque at 20 °C : ?0.01 Nm (at 20⁰ C)

Moment of inertia of rotor : 02.7 · 10⁻⁶ kgm²

Shaft Load : Axial 10 N/radial 20 N at shaft end

Vibration 55 to 2000 Hz ; ? 300 m/s^{2 3)} (IEC 60 068-2-6)

Shock 6 ms/2ms : ?1000 m/s² / † 2000 m/s² (IEC 60 068-2-27)

Max. operating temp. :100 °C

Min. operating temp. : -40 °C

Protection IEC 60 529 : IP 67 at housing; IP 64 at shaft end4)

Weight (approx.) : 0.3 kg

[Click to check full picture](#)

[Pin layout is here.](#)

*** We also have In Stock the Mating Connector& coupling (at Extra Price)

```
{ "@context": "https://schema.org/", "@type": "Product", "name": "Heidenhain Drehgeber ROD 426 5000/27S12-03 ID 376 846-SW 5V TTLx2 Incremental Encoder TTL 5000 PPR", "image": "https://instockspares.com/images/stories/virtuemart/product/Dubai ROD 426 500027S12-03 ID 376 846-SW ID 376 846-M1.png", "sku": "En354", "brand": { "@type": "Brand", "name": "Heidenhain" }, "description": "Heidenhain Drehgeber ROD 426 5000/27S12-03 ID 376 846-SW 5V TTLx2 Incremental Encoder TTL 5000 PPR", "category": "Output(Encoders) =TTL square-wave signals", "offers": { "@type": "Offer", "url": "https://instockspares.com/encoders-instock-ships2day/incremental-encoder/output-encoders-ttl-square-wave-signals/heidenhain-drehgeber-rod-426-5000-27s12-03-id-376-846-sw-5v-ttlx2-incremental-encoder-ttl-5000-ppr-detail", "priceCurrency": "USD", "price": 1400, "availability": "https://schema.org/InStock" }}
```

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.