

SICK Photoelectric sensors W4-3 series | WTB4-3P3162 | 1028082 | 1 028 082



PhotoProxSwitch150 mm BGS,PNP,Teach In Dubai

Rating: Not Rated Yet

Price

[Ask a question about this product](#)

Description " {"@context":"https://schema.org","@type":"VideoObject","name":"","? Watch video of WTB4-3P3162 ;10 28 082; WTB 4-3P3162; 102 8 082; WT B4 3P3162; WT843P3162, Subscribe for information updates, discount offers WTB4-3P3162 1028082","description":"","? Ajman Factories Equipment Trading (Est. 2003 in UAE), Stocks Sick, Brand Encoders. We have Ready Stock of WTB4-3P3162 1028082, Ask for Services for Health Checking signals, Troubleshooting errors at your Machine, Some refer to this encoder as WTB4-3P3162 ;10 28 082; WTB 4-3P3162; 102 8 082; WT B4 3P3162; WT843P3162 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=TrgThuHmfVs", "embedUrl":"https://www.youtube.com/embed/TrgThuHmfVs", "thumbnailUrl":"https://i.ytimg.com/vi/TrgThuHmfVs/hqdefault.jpg", "uploadDate":"2026-02-22T00:00:00Z"} "

Sick WTB4-3P3162 1028082 | Background Suppression

SickSensor Support Service Center : Buy ' Spares inStock" + Order Field service for" Troubleshooting - Repair - Upgrade'

Dubai Stock | Worldwide Shipping - Delivery to USA 2-3 Days

Sick WTB43P3162, 1 028 082 Background Suppression . Ready Stock in Dubai with Worldwide Shipping - Delivery to USA 2-3 Days .

Quick Specs

- Model: WTB43P3162, 1 028 082
- OEM Part No: WTB 43 P3162 | W4 | PHOTOELECTRIC SENSORS
- Article No: WTB-43 P3162 | W4 | PHOTOELECTRIC SENSORS
- Spare Part Mat. Nr. :WTB4-3P3162 1028082
- Indent No: WTB43P3162

Key_Electrical / Interface Specification Data

- > : SickSensor Support Service Center : Buy ' Spares inStock" + Order Field service for" Troubleshooting - Repair - Upgrade'
- > : • Datasheet for : WTB4-3P3162 PHOTOELECTRIC SENSORspecific machine tool related data can be adapted by our fiend engineer when installing
- We have Pin?out information available.: Background Suppression call us for installing | Troubleshooting
- > : • We provide service for Wiring & Installation: WTB 43 P3162 | W4 | PHOTOELECTRIC SENSORS
- We have Pin?out information available.: WTB-43 P3162 | W4 | PHOTOELECTRIC SENSORS
- > : • Output Signal Connection details available- we can wire it to Most controllers, evaluation modules, Drives, Monitors & Controllers: WTB43P3162
- ask for diagnosis, troubleshooting, installation service for: WTB4-3P3162 1028082
- > : • Power Requirement & Connections available - We Provide field evaluation, and consutancy serices for Wiring:WTB43P3162, 1 028 082for Compliance with Local Standards:
- > : • Programming Services, Configuration Files, Software services :WTB 43 P3162 | W4 | PHOTOELECTRIC SENSORS available lcoally:

Key_Mechanical Specification Data

- ::: •We can send field engineer to design installtion of :WTB43P3162this on New machines, or Improve Mounting on Old Failure prone systems: We have all Electrical Data sheet|Programming Data | Mechanical drawings available
- ::: • Our Team has years of experience, troubleshooting Electrical|Mechanical installation of :Sick We can find root cause of Frequent failure of _ WTB 43 P3162 | W4 | PHOTOELECTRIC SENSORSWe have Mounting details available
- ::: •If you need to Adapt| Connect| Install :WTB4-3P3162 PHOTOELECTRIC SENSOR on an hitherto unknown system, We Can design & Supply adaptations, We have electrical details, Mech specifications available for _ WTB4-3P3162 1028082. Call us for support for : Sick,"
- ::: •We can provide Guidance | Services for Usage of :WTB4-3P3162 1028082this as per the Application area, Operating context of User, We have complete Datasheets for _ WTB-43 P3162 | W4 | PHOTOELECTRIC SENSORS. that include Recommended Ambient Conditions Call us for support for : Background Suppression ,"
- ::: •Consultancy for sssessment of Application suitability of :WTB4-3P3162 1028082to your machine, many machines use _ WTB4-3P3162 PHOTOELECTRIC SENSOR. , in certain cases, upgrade of System is available : Block Sensor,"

Key Performance Specifications

- ? : • Paramerisation | Optimization Services for Evaluation Electronics to Accept this :WTB-43 P3162 | W4 | PHOTOELECTRIC SENSORS | Programming to suit Evaluaiton Controller available :
- ? : • Signal Testing Equipment & Procedure available for :WTB4-3P3162 PHOTOELECTRIC SENSOR - to help in troubleshooting, establish failure mode, condition monitoring for Predictive maintenance:
- ? : • Consult for Achieving EMC compliant installations & how best to install :WTB4-3P3162 1028082 per OEM Guidelines:
- ? : • Consult us if :WTB-43 P3162 | W4 | PHOTOELECTRIC SENSORSis Failing often, We diagnose the root cause, failure mode and offer solution (installation condition, Wiring instructions) to improve system Reliability Available

Salient Features

WTB 4-3P3162 1028 082 WTB4-3P3162 1028082 WTB43P3162 WT B4 3P3162 WT843P3162
Functional principle Photoelectric proximity sensor
Functional principle detail Background suppression
Sensing range max. 4 mm ... 150 mm 1)

Sensing range 15 mm ... 150 mm 1)
Emitted beam
Light source PinPoint LED 2)
Type of light Visible red light
Light spot size (distance) Ø 7 mm (50 mm)
Key LED figures
Wave length 650 nm
Adjustment Single teach-in button
Special applications Detecting small objects

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: WTB4-3P3162 ;10 28 082; WTB 4-3P3162; 102 8 082; WT B4 3P3162; WT843P3162, Block Sensor, WTB 43 P3162 | W4 | PHOTOELECTRIC SENSORS, WTB-43 P3162 | W4 | PHOTOELECTRIC SENSORS, WTB4-3P3162 1028082, WTB43P3162, 1 028 082

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 : Sick WTB 43 P3162 | W4 | PHOTOELECTRIC SENSORS

? Field Service for Diagnosing the Errors & Taking Corrective Steps for fixing interfacing, Parameterisation errors: Sick WTB-43 P3162 | W4 | PHOTOELECTRIC SENSORS

? Field Service Visit for Evaluating the possibility of Modification of Mechanical Arrangement | Installing Upgraded version for : Sick WTB4-3P3162 1028082

? 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 : Sick WTB4-3P3162 ;10 28 082; WTB 4-3P3162; 102 8 082; WT B4 3P3162; WT843P3162

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

We are Stockist : Spares for CNC spare parts | PLC Controller system spares and modules | Servo system complete, its sub assemblies, and spare parts from various brands.

We also offer Field Service for Attending to Troubleshooting and Diagnosis of Faults in your CNC Machine tools | PLC Control systems - If your machine has lost capacity then call us for Emergency Breakdown service.

We encourage customers to look for Capacity Reduction breakdowns and schedule a Service visit to sort out these issues when you still have time i.e. over weekends to restore machine to full capacity.

We offer Preventive Maintenance services tailored to suit your operating Context . We help design a Preventive maintenance schedule and provide services for implementing it on your Machine.

We have invested in tools that can predict when there is impending failure in your machine. We encourage customer to use our Predictive maintenance services for ensuring there is no breakdown when you need the machine most, and ensure 100% uptime for your machine. Call to discuss your specific machinery and requirement.

- in addition to above our division servomotorexpert offers servo motor repair, reconditioning and upkeep services in Dubai, oman, bahrain, qatar , kuwait and KSA, We are capable of repairing various brands of servo motors such as Fanuc, Mitsubishi, Baumuller, Lenze, Dorna, Indramat, Siemens, Gettys, Emerson and many others. We have invested in Specialised Diagnostic, alignment, Memory Reading, Run Testing equipments for many brands of motors. We can help if your motor has a minor issue or a major overhaul.

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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 WTB4-3P3162 1028082 available in stock?

Yes. This WTB43P3162, 1 028 082 is currently Ready Stock in Dubai.

Do you ship internationally?

Yes. We Stock and ship Sick worldwide with express courier options.

Can you support installation or troubleshooting?

Yes. Technical support and field service options are available for WTB43P3162, 1 028 082 upon request.

Can I get equivalent or upgraded model?

Yes. Contact us for compatibility verification and Sick WTB4-3P3162 1028082 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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[Photoelectric sensors W4-3](#)

[Data at manufacturer site](#)

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

SICK Photoelectric sensors W4-3 series | WTB4-3P3162 | 1028082 | 1 028 082 |

|type:WTB4-3P3162

|part number: 1028082

MECHANICS/ELECTRONICS

- Supply voltage = 10 V DC ... 30 V DC 1)
- Ripple =
- Power consumption = ? 20 mA 3)
- **Output type = PNP**
- **Switching mode = Light switching**
- Output current I_{max.} = ? 100 mA
- Response time =
- Switching frequency = 1,000 Hz 5)
- Connection type = Cable with connector M8, 3-pin, 100 mm 6)

- Cable material = PVC
- Conductor cross-section = 0.14 mm²
- Cable diameter = Ø 3.4 mm
- Circuit protection =
 - A 7)
 - C 8)
 - D 9)
- Protection class = III
- Weight = 30 g
- Housing material = ABS
- plastic
- Optics material = Plastic, PMMA
- Enclosure rating =
 - IP 67
 - IP 66
- Ambient operating temperature = -40 °C ... +60 °C
- Ambient storage temperature = -40 °C ... +75 °C
- UL File No. = NRKH.E181493 & NRKH7.E181493
 - 1) Limit values.
 - 2) May not exceed or fall below Uv tolerances.
 - 3) Without load.
 - 4) Signal transit time with resistive load.
 - 5) With light/dark ratio 1:1.
 - 6) Do not bend below 0 °C.
 - 7) A = VS connections reverse-polarity protected.
 - 8) C = interference suppression.
 - 9) D = outputs overcurrent and short-circuit protected.

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.