



## Inductive Sensor 2m PVC Cable Output 250mA Current Sensing 8mm PNP NO No Flush Mounting

### Our Product Introduction

#### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: VR-10-S-B-D8
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Polybag packing
- Delivery Time: 5-8 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 100000 pieces per month

**KRONZ**

#### Product Specification

- Flush Mounting: No
- Degree Of Protection: (IEC 529) IP 67
- Repeat Accuracy: <5 %
- Temperature Drift: <15 %
- No Load Current Lo: Tip. 15mA
- Active Surface: PVDF
- Permitted Residual Ripple: Max.10%
- Housing Material: PVDF

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### Product Description:

Introducing our premium Inductive Sensors, the ideal distance sensors for your industrial applications. Crafted with high-quality PVDF housing material, these sensors are designed to deliver exceptional performance and durability in challenging environments.

With a hysteresis of less than 15%, our Inductive Sensors provide precise and reliable detection, ensuring accurate results every time. Whether you are monitoring position, presence, or distance, these sensors offer consistent and dependable operation.

Operating at a frequency of up to 500 Hz, our Inductive Sensors are capable of handling rapid and high-speed operating cycles with ease. This makes them suitable for applications that require fast and efficient sensing capabilities, enhancing the overall productivity of your operations.

Equipped with a 3-wire DC electrical version, our Inductive Sensors ensure convenient installation and compatibility with a wide range of systems. The simple yet effective design of these sensors allows for easy integration into your existing setups, minimizing downtime and maximizing efficiency.

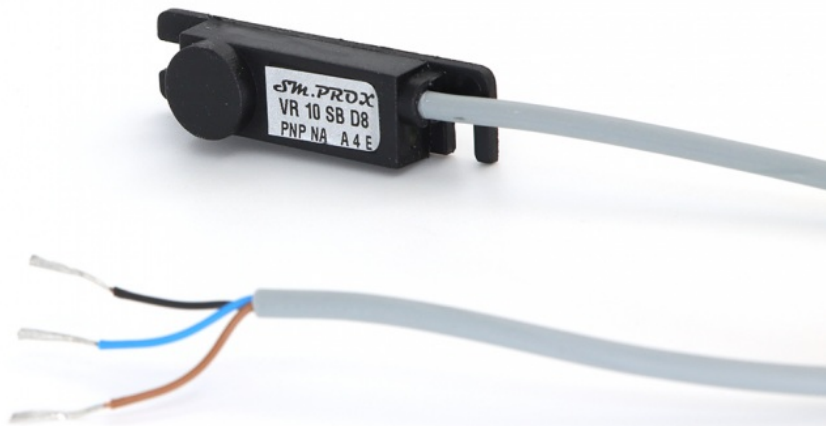
Designed as a rectangular sensor with a cable, our Inductive Sensors offer versatility and ease of use. The cable provides flexibility in positioning the sensor, allowing for convenient installation in various configurations. This feature makes our sensors ideal for applications where space is limited or specific mounting requirements need to be met.

With a non-flush mounting design, our Inductive Sensors offer a practical solution for applications where a flush-mounted sensor is not required. This design feature enhances the sensor's adaptability and makes it suitable for a wide range of industrial settings.

Overall, our Inductive Sensors combine superior performance, durability, and versatility, making them the perfect choice for your distance sensing needs. Whether you are looking for reliable detection in industrial automation, robotics, or machinery, our sensors deliver exceptional results and ensure seamless operation.

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Item No.	VR-10-S-B-D8
Output	PNP normally open
Operating distance $S_n$	8 mm
Flush mounting	no
Electrical version	3 wires DC
Operating voltage $U_b$	10...35 Vdc
Output current max. $I_e$	max. 250mA
Voltage drop $U_d$	max. < 3.5 V
Permitted residual ripple	max. 10%
No load current $I_o$	tip. 15mA
Frequency of operating cycles	max. 500 Hz

**Rectangular housing - Long distance version**  
**Cable output**  
**Mounting bracket B type**

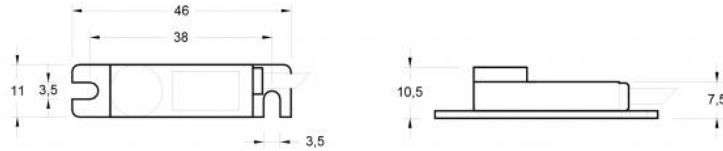
**TYPE - ART. NO.**

VR-10-S-B-D8 - SM105075  
 VR-10-O-B-D8  
 VR-20-S-B-D8

**DESCRIPTION**

10 = PNP  
 20 = NPN  
 S = normally open  
 O = normally closed  
 B = bracket version  
 D8 = Sn 8mm

**DIMENSIONS AND TECHNICAL DATA**



Operating distance Sn	8 mm
Flush mounting	no
Electrical version	3 wires DC
Operating voltage Ub	10...35 Vdc
Output current max. Ie	max. 250mA
Voltage drop Ud	max. ≤ 3.5 V
Permitted residual ripple	max. 10%
No load current Io	tip. 15mA
Frequency of operating cycles	max. 500 Hz
Hysteresis	< 15 %
Repeat accuracy	< 5 %
Permitted ambient temperature	-10...+60°C
Temperature drift	< 15 %
Led display	yellow
Protective circuit	built-in
Degree of protection	(IEC 529) IP 67
Housing material	PVDF
Active surface	PVDF
Connection	cabl 2m, PVC, 3x0.14mm <sup>2</sup>
Maximum torque Nm	-
Connection diagrams	

Ed. E/12 - All specifications are subject to change without notice

## Applications:

KRONZ Inductive Sensors are versatile devices that find application in various industries and scenarios due to their reliable performance and durability. These Industrial inductive sensors, manufactured in Guangdong, China, are widely used for proximity sensing in a range of machinery and equipment.

One of the key product attributes of KRONZ Inductive Sensors is their high-quality construction and adherence to international standards, as evidenced by their CE certification. Customers can place an order for a minimum quantity of 1 sensor, making it accessible for both small-scale and large-scale industrial applications.

The pricing for these Rectangular Sensors is negotiable, ensuring that customers can get the best value for their investment. The sensors come packaged in polybags for protection during transit and have a quick delivery time of 5-8 working days, allowing for efficient integration into various systems.

With multiple payment options such as T/T, Western Union, and MoneyGram, customers have flexibility in completing their transactions. The supply ability of 100,000 pieces per month ensures that bulk orders can be fulfilled promptly, making KRONZ Inductive Sensors a reliable choice for industrial applications.

These sensors have a maximum permitted residual ripple of 10%, ensuring consistent and accurate sensing in diverse operating conditions. The hysteresis of less than 15% further enhances the precision of these sensors, making them suitable for critical proximity sensing tasks.

Additionally, the voltage drop of up to 3.5 V and temperature drift of less than 15% highlight the robust design of KRONZ Inductive Sensors, enabling them to perform reliably in challenging environments. While these sensors do not support flush mounting, their versatile applications and high-performance capabilities make them ideal for a wide range of industrial scenarios.

# KRONZ

## ABOUT US

KRONZ is a manufacturing enterprise located in Zengcheng District, Guangzhou City. We focus on providing customers with high-efficiency industrial automation solutions and related industrial products. After many years of innovation and development, KRONZ has complete product processing equipment and a professional team who are proficient in various automation technologies.

In order to improve the quality of products and production efficiency, we continue to introduce advanced production equipment and technology, strengthen investment in research and development. At present, our main products include Industrial Connectors, Inductive Sensors, Capacitive Sensors, Photoelectric Sensors, Ultrasonic Sensors, Industrial power supplies, Industrial fieldbus, RFID recognition systems, Industrial Ethernet Switches

We not only produce the orders of standard products, but also have ability to make customize production based on customer design drawings or samples.

Adhering to the principle of mutual benefit, we provide our customers with competitive prices, and perfect after-sales service. KRONZ's products have been sold in multiple countries, have won the trust and praise of customers. KRONZ expect to collaborate with you.



## OUR FACTORY



## Certifications



## Support and Services:

Our Inductive Sensors product line is backed by comprehensive technical support and services to ensure your satisfaction and product performance. Our team of experts is available to provide assistance with product selection, installation guidance, troubleshooting, and any other technical inquiries you may have.

In addition to our technical support, we offer a range of services such as maintenance programs, training sessions, and on-site assistance to further support your Inductive Sensors. Our goal is to help you maximize the performance and longevity of your sensors, ensuring reliable operation in your applications.

## Packing and Shipping:

Product Packaging for Inductive Sensors:

- Each inductive sensor is carefully wrapped in bubble wrap to ensure protection during transportation.
- The sensors are then placed in individual boxes with cushioning material to prevent any damage.

Shipping Information:

- All orders are processed within 24 hours of receipt.
- We offer standard and expedited shipping options to suit your needs.
- Tracking information will be provided once the order has been shipped.



### Note:

Due to the wide range of our products, we cannot list all product pictures and corresponding product parameters. If you have other needs, please communicate with me. We can provide supplementary information and technical support.  
We Are Happy to Serve You.



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