

# SMX 523

## Wiegand 26 Proximity Reader

SMX-523 Proximity Card Reader is a new and attractive 10-18 Cm read range proximity reader which can be used in various industrial applications such as access control, factory automation, etc.

It supports Wiegand format output which allows you to use this reader for various applications in many industries.

The electronics of the reader is potted in epoxy that ensures its operation even in harsh environments and indoor / outdoor applications (100% water proof). The elegant reader's case is designed to match any interior decoration of modern buildings. Bicolor LED display and internal digital buzzer provide complete audio visual system status.



### Features

- 26 Bit Wiegand outputs
- Internal microcontroller
- Indoor / Outdoor
- 10-18 cm read range
- Reading Speed up to 100ms
- Bicolor LED
- Piezo Buzzer
- Wide temperature and humidity operating Range
- Tamper Switch

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### Technical Specifications

SMX-9918	
Typical Read Range	10-18 cm
Input Voltage	8 to 15VDC
Current DC maximum	75ma
Dimension (H.W.D) mm	115.6 * 76.6 * 19
Dimension (H.W.D) in.	4.5 * 1.75 * 0.7
Color	Black
Transmit Frequency	25 KHz
LED Indicator	Bicolor Standard(Red, Green)
Piezo Buffer	Integrated
Operating Temperature	-35 C to 65 C(-30 F to 150 F)
Reader Format	26-bit Weigand
Maximum Distance from Controller	300m (1000')
Tamper Switch	N/A

### Ordering Information

SMX-523

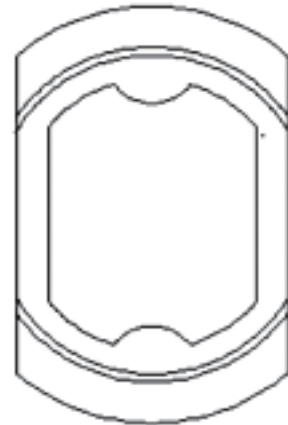
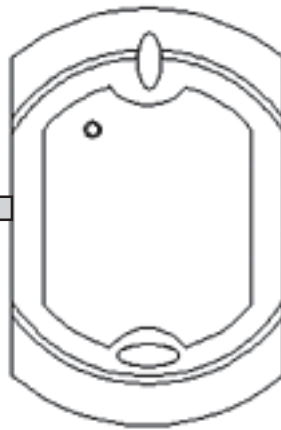
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## Installation and Wiring Guide

### SMX-523

+12VDC  
Gnd  
D0  
D1  
LED1  
LED2  
Hold  
Beep  
Tamper SW  
Tamper SW

Red
Black
Green
White
Brown
Purple
Blue
Yellow
Gray
Orange



Front Panel

