


BOSCH

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D8224 Mullion Reader (Wiegand Compatible)



- ▶ **Mounts easily to metal**
- ▶ **Beeper and LED configurations can be host and locally controlled**
- ▶ **Indoor and outdoor design**

The D8224 Mullion Reader is a Wiegand protocol reader designed for installation on a door mullion. Mount the reader directly to metal surfaces with minimal effect to the read range performance.

Functions

Easy Mounting

The D8224 Mullion Reader is designed to fit a junction box supplied with each reader. For easy installation, the junction box surface mounts with two screws. The slim, unobtrusive enclosure mounts directly onto metal surfaces, such as door mullions.

Beeper and LED Configurations can be Host and Locally Controlled

When a proximity card is presented to the reader, the red LED flashes green and the beeper sounds. Both the beeper and LED configurations can be controlled individually by the host system.

Indoor and Outdoor Design

The rugged, weatherproof polycarbonate enclosure of the D8224 provides resistance to weather extremes and vandalism.

Certifications and Approvals

Region	Certification
USA	UL ALVY: Access Control Systems Units (UL294), APOU: Proprietary Alarm Units (UL1076), UEHX7: Signaling Appliances, Miscellaneous Certified for Canada (cUL)

Installation/Configuration Notes

Compatibility Information

Credentials	D8236-10 Wiegand Proximity Card, 26-bit D8236KF-10 Wiegand Proximity Token, 26-bit D8236TG-10 Wiegand Proximity Adhesive Tag, 26-bit
Systems	ReadykeyPRO Readykey D9412G Control Panel D7412G Control Panel

Connection Considerations

The acceptable wire length from the door controller to the reader is up to 500 ft (152 m) when using 22 AWG (0.8 mm) cable.

Technical Specifications

Environmental

Relative Humidity	0% to 95%, non-condensing For UL Listed applications, 0% to 85%, non-condensing
Temperature (Operating)	-22°F to +150°F (-30°C to +65°C) For UL 294 applications, -22°F to +140°F (-30°C to +60°C)

Electrical

Current (Input)	30 mA at 5 VDC average; 110 mA peak
Voltage (Input)	5 VDC to 16 VDC
Indicators:	One LED that emits red or green light to display system status
Read Range:	Up to 5.5 in. (14 cm)

Mechanical

Dimensions	6 in. x 1.7 in. x 1 in. (15 cm x 4.3 cm x 2.5 cm)
Weight	3.8 oz (108 g) with flying lead
Color	Charcoal gray
Material	Polycarbonate

Ordering Information

D8224 Mullion Reader (Wiegand Compatible) D8224

Wiegand protocol reader designed for installation on a door mullion.

Accessories

D8236-10 Wiegand Proximity Card (26-bit) D8236-10

Randomly-coded proximity card that is Wiegand 26-bit. Each package contains ten cards.

D8236KF-10 Wiegand Proximity Token (26-bit) D8236KF-10

Randomly-coded, gray, plastic, Wiegand 26-bit token. Attaches to a key chain. Each package contains ten tokens.

D8236TG-10 Wiegand Proximity Adhesive Tag (26-bit) D8236TG-10

Randomly-coded, gray, plastic, Wiegand 26-bit adhesive tag. Attaches to non-metallic surfaces. Each package contains ten tags.

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