

# Keyless Entry Sensors Line Guide



**The key to industry leadership.** Honeywell Sensing and Control (S&C) passive keyless sensors are built to offer enhanced response times, reduced power consumption and flexible position and placement options. Based on optical technology, this sensor detects the obstruction of an optical beam before hanging and pulling the door handle.

In essence, it can anticipate a hand grabbing the door handle, then wake the identification unit of a passive entry security system. What's more, Honeywell S&C not only offers unique design flexibility, but also delivers a superior performing sensor — including industry-leading responsiveness (< 3.5 ms) and low power usage (< 300  $\mu$ A).

## FEATURES

### KEYLESS ENTRY SENSORS

#### Keyless Access Sensor.

**Features:** Coded communication

- Memorizes personal settings of interior features (seats, mirrors, radio, and air conditioning)
- Central locking signal
- Back up features include mechanical lock and key (vehicle access) as well as a transponder (vehicle start)
- Attractive

decoration and design of identifier replaces traditional key • Uses 3D low frequency/radio frequency communication technique • Functions include remote lighting and door-by-door unlocking

**Benefits:** Fast, safe and convenient vehicle access and engine starting. No keys needed. User only needs identifier to

operate system. Easy automatic operation with minimal manual effort required.

Reduced range around vehicle (2 m [6 ft]) provides enhanced vehicle security. Visual and audible signals confirm vehicle is fully locked and secure. Applicable to wide range of vehicles including all passenger cars, MPVs, and SUVs.

## Keyless Entry Sensors Line Guide

### The key to ultimate performance.

Used in multiple transportation applications, Honeywell S&C Keyless Entry sensors are trusted in many leading automotive brands. That means the advantages of our optical technology and optimum solutions have been proven the world over: our high industry penetration offers intense experience on the front lines, which means enhanced performance for your line; electrical consumption is up to three times less than capacitive keyless entry sensors; only Opto allows for every handle material, shape, and thickness — for ultimate application customization; at least four times faster than capacitive solutions; designed to ensure faster response times; due to our highly defined optical concept, there is reduced risk of external false detection (for better performance in rain-soaked environs); and Honeywell S&C's comprehensive product line and cutting-edge design keeps our pricing cost-effective, to keep your company competitive.



### Keyless Entry Sensors

### Keyless Access Sensor

<b>Power supply</b>	9 Vdc to 24 Vdc
<b>Power consumption</b>	<300 $\mu$ A
<b>Response time</b>	<3.5 ms
<b>Operating temperature</b>	30 °C to 80 °C [86 °F to 176 °F]
<b>Sealing</b>	IP 67
<b>Mechanical qualification</b>	CEI 68, CEI 529
<b>Electrical qualification</b>	CEI 1000-4-2, CISPR 25, NF R 13-004

**Warranty.** Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgement or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items it finds defective. **The foregoing is buyer's sole remedy and is in lieu of all warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall Honeywell be liable for consequential, special, or indirect damages.**

While we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

For more information about Sensing and Control products, visit [www.honeywell.com/sensing](http://www.honeywell.com/sensing) or call +1-815-235-6847. Email inquiries to [info.sc@honeywell.com](mailto:info.sc@honeywell.com)

 **WARNING**  
**PERSONAL INJURY**

- DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

**Failure to comply with these instructions could result in death or serious injury.**

 **WARNING**  
**MISUSE OF DOCUMENTATION**

- The information presented in this catalogue is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

**Failure to comply with these instructions could result in death or serious injury.**

Sensing and Control  
Automation and Control Solutions  
Honeywell  
1985 Douglas Drive North  
Golden Valley, MN 55422 USA  
+1-815-235-6847  
[www.honeywell.com/sensing](http://www.honeywell.com/sensing)

007056-1-EN IL50 GLO  
June 2008  
Copyright © 2008 Honeywell International Inc. All rights reserved.

**Honeywell**