

optoelectronic sensors

for keyless access



High speed response

Low power consumption

Greater efficiency

Design flexibility

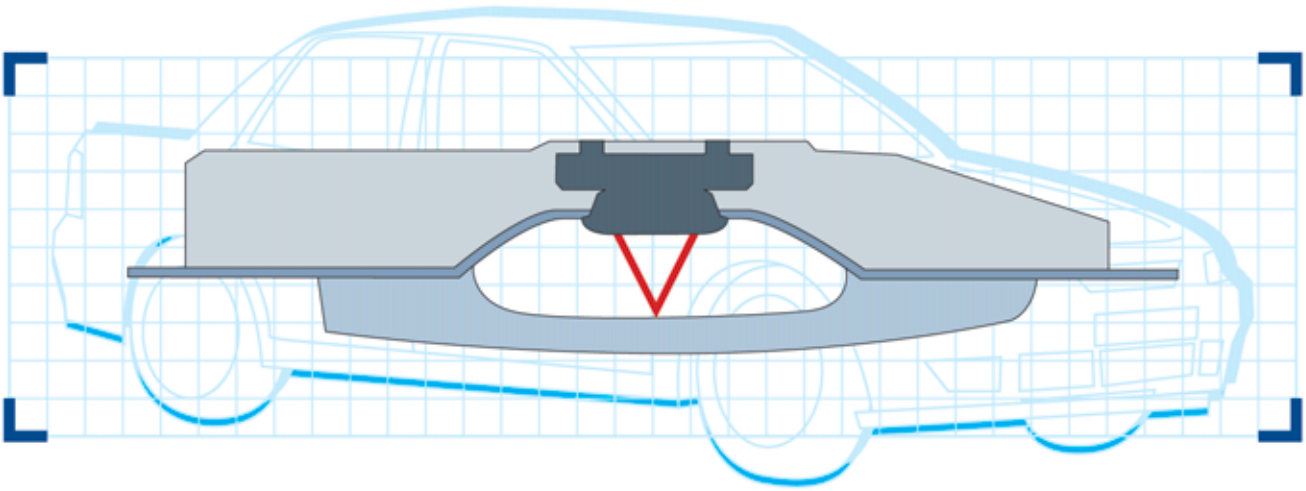
Reliability

More functionality

Our optoelectronic sensing technology for Keyless Access offers innovative capabilities and solutions for System Critical sensing applications

Compact, robust and reliable the Keyless Access sensor gives system designers flexibility with optimum performance.

Sensing and Control



Honeywell's proven Keyless Access sensor capability is based on a specific and dedicated photoelectric device which can be located inside the car door handle bracket or inside the door handle itself.

In passive entry mode the sensor provides a signal anticipating any pull on the door handle. This alerts the global passive entry system (CPU, Antenna, RF

identification card, electrical latch) to allow the necessary response for car keyless access. Due to the speed at which this occurs, the driver is not aware of the process.

The central locking signal locks all of the vehicle's door latches. It is used for safety purposes when the driver leaves the vehicle.

Main Specification

Power supply	9 V to 24 V DC
Power consumption	< 300 μ A
Response time	< 3.5 ms
Operating temperature	-30 $^{\circ}$ C to +80 $^{\circ}$ C
Sealing	IP67
Mechanical qualification	CEI 68, CEI 529
Electrical qualification	CEI 1000-4-2, CISPR 25, NF R 13-004

This publication does not constitute a contract between Honeywell and its customers. The contents may be changed at any time without notice. It is the customer's responsibility to ensure safe installation and operation of the products. Detailed mounting drawings of all products illustrated are available on request.
 © Honeywell 2001.

Honeywell

Sensing and Control
 Honeywell Control Systems Ltd.
 Newhouse Industrial Estate
 Motherwell ML1 5SB, Scotland, U.K.

www.honeywell.com/sensing/keyless