

# Automotive Parking Distance Control Sensor

This automotive PDC sensor assists drivers in parking by detecting nearby obstacles. It is compatible with various vehicle models.



## Product Overview

### Universal PDC Sensor Solutions

This professional-grade Parking Distance Control (PDC) sensor is designed for high-precision obstacle detection across a wide range of automotive series. Engineered to meet rigorous international standards, it ensures reliable performance and enhanced safety during parking maneuvers. The sensor is built to withstand harsh environmental conditions, making it a dependable choice for global B2B sourcing.

## Technical Specifications

### Ingress Protection

IP67

### Sensor Category

Receiving Radar Sensor

## Compliance & Quality

### Manufacturing Standards

- GB/T24001-2016
- GB/T28001-2011
- Directive 2011/65/EU (RoHS)

### Quality Certifications

IATF 16949:2016, ISO 14001:2015, OHSAS 18001:2007, CE, RoHS

## Reliability Testing



LCR  
数字电桥



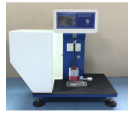
Sand and dust  
test chamber  
沙尘试验箱



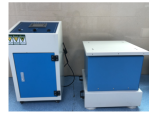
Rain tester  
雨淋试验箱



Constant humidity  
and heat test  
chamber  
高低温试验箱



Impact testing machine  
冲击试验台



Vibration bench  
振动试验台



Salt Fog testing machine  
盐雾试验箱

Our sensors undergo rigorous reliability testing, including salt fog, vibration, and extreme temperature cycles to ensure long-term durability.

### Durability Testing Protocols

- Sand and Dust Simulation
- Rain/Water Ingress Testing
- Constant Humidity and Heat Exposure
- Mechanical Impact Testing
- Vibration Resistance Benchmarking
- Salt Fog Corrosion Testing

### Electrical Testing

LCR Digital Bridge Characterization

## Compatibility

### Compatible Vehicle Series

European Series, American Series, Asian Series, Universal Fitment