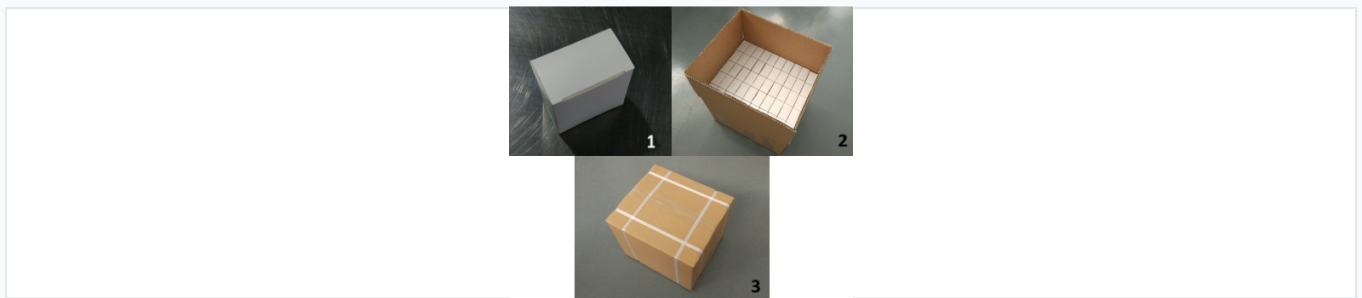


# Automotive Parking Assist Sensor for BENZ

This parking assist sensor is designed for BENZ vehicles. It provides reliable obstacle detection during parking maneuvers to prevent collisions and enhance driver safety.



## Overview

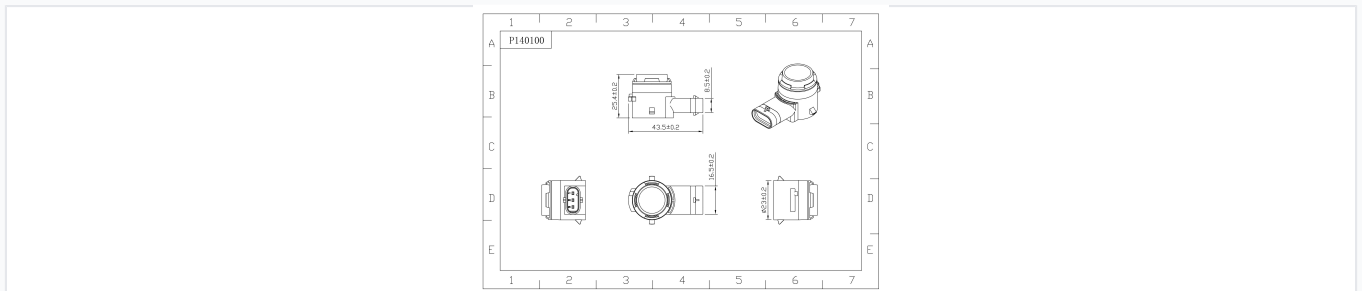


High-reliability parking assist sensor designed for precise obstacle detection.

## Precision Parking Assistance

This high-performance parking assist sensor is engineered for accurate obstacle detection during parking maneuvers. Designed to enhance driver safety and prevent collisions, it provides reliable performance under various environmental conditions. The unit features precise dimensions and robust construction to ensure seamless compatibility and durability for automotive applications.

## Technical Specifications



Technical diagram showing precise dimensions and tolerances for installation.

## Physical Dimensions

Parameter	Dimension
Overall Length	43.5 ± 0.2 mm
Height	25.4 ± 0.2 mm
Connector Height	8.5 ± 0.2 mm
Side Height	16.5 ± 0.2 mm
Sensor Diameter	Ø23 ± 0.2 mm

## Compatible Part Numbers

A0009055504, A0009059300

## Quality & Compliance



LCR  
数字电桥



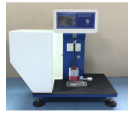
Sand and dust  
test chamber  
沙尘试验箱



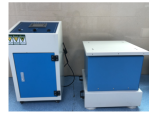
Rain tester  
雨淋试验箱



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

Comprehensive testing suite ensuring durability against environmental factors like salt, dust, and moisture.

### Certifications & Standards

IATF 16949:2016 • ISO 14001:2015 • OHSAS 18001:2007 • RoHS Compliant • IP67 Rated

### Testing & Validation

- Electrical component analysis (LCR)
- Sand and dust environment simulation
- Rain ingress testing
- Constant humidity and heat climate simulation
- Mechanical impact testing
- Vibration durability bench
- Salt fog corrosion resistance testing