

The Diamond PGS



Octagonal Sensor

Full solution Parking Guidance System

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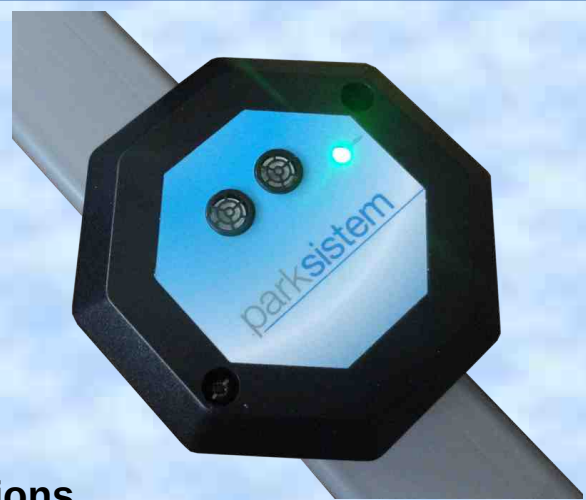
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Octagonal Split Sensor.

The PGS-OS Sensor is an ultrasonic range detector, Designed for vehicle detection in Parking Guidance System applications.



Functional Specifications

Accuracy
Power consumption
Power supply
Communication protocol
Practical detection range
Optimal installation height
Indicator interface

Better than 99.8%
Less than 150mW per unit
16V-24V
Daisy chain RS232 / Parallel RS485
200mm to 2000mm
2400mm to 3000mm
2 wire / 3 Wire / 4 Wire (RGB)



Environmental specifications

Operating temperature
Storage temperature
Humidity
Material
Housing
Dimensions
Weight
Safety Standard
RFI/EMI Standard
European Standard



-20° to +70°
-40° to +85°
Up to 98% Non condensing
Polycarbonate
IP56
Octagonal 92mm X 50mm
100g
IEC 60950-1
IEC 61000
CE

Other features

Flexible installation options

Attached straight to the ceiling
Attached to conduit junction boxes
Suspended under metal/PVC cable-way

Lightning protection on all inputs and outputs.
Self test and Status LED for easy fault detection.
Hot swappable.
Low cost.