The Diamond PGS

**Trunking embedded
Low power, Combo Sensor Indicator**

Full solution Parking Guidance System

Trunking embedded, Low power, Combo Sensor Indicator

The PGS-TCL Sensor Indicator is an ultrasonic range detector designed for vehicle detection in Parking Guidance applications.

Functional Specifications

Accuracy	Better than 99.8%
Power consumption	Less than 300mW per unit
Power supply	16V-24V
Communication protocol	Daisy chain RS232 / Parallel RS485
Indicator color	Red/Green Red/Blue Red/Yellow Red/White
Practical detection range	200mm to 2000mm

Environmental

Operating temperature	-20° to $+70^o$
Storage temperature	-40° to $+85^o$
Humidity	Up to 98% Non condensing
Material	Polycarbonate
Housing	IP56
Dimensions	170mm X 55mm X 35mm
Weight	90g
Safety Standard	IEC 60950-1
RFI/EMI Standard	IEC 61000
European Standard	CE

Other features

High brightness, 360° viewing angle with emphasis along the driveway.
Easy installation, clips directly into trunking system
Lightning protection on all inputs and outputs.
Self test and Status LED for easy fault detection.
Hot swappable.
Low cost.