PrecoRADAR

Blind Spot Monitoring System

PreView Sentry® 79

The industry's most flexible, accurate, and powerful active blind spot monitoring solution available.

Discover the epitome in front and rear blind zone detection. The PreView Sentry®79 is an ideal solution for backing and short-range forward requirements.

- Programmable range and width
- Accurately detects and tracks up to 64 people or objects simultaneously
- Width of detection zone is adjustable to fit almost any vehicle type to help keep operators and jobsites safer
- Detects objects to the face of the radar
- Environmentally hardened/robust

Key Industries

Construction, material handling, truck, and bus.

Compliance and Verification

- UN Regulation No. 159
- TÜV and successful homologation

Why PrecoRADAR?

PrecoRADAR is a radar brand of Sensata Technologies. Sensata's safety products have survived the industry's most rigorous testing for unstoppable performance in the harshest working conditions imaginable — so operators and fleets can perform with greater confidence and peace of mind.

PrecoRADAR is a brand of Sensata Technologies.

Sensata Technologies

AutoTech | **Risk**Tech | **Man**Tech | **Serv**Tech | **Fleet**Tech | **Eng**Tech

MACHINE SAFETY & PROTECTION

Preview Sentry® 79
79 GHz Short-Range Radar

## PERFORMANCE

- 79 GHz FMCW waveform
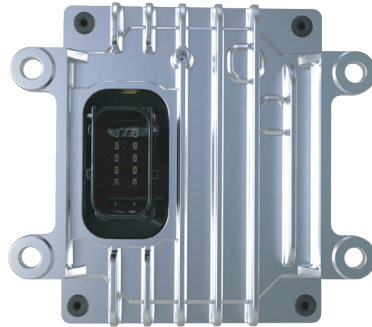
FCC ID: OXZSENTRY79
IC ID: 20379-PREVIEW79
E- Mark: E11 10R06/02 12107 0

UKCA

SPECIFICATIONS

Frequency Band	77–81 GHz Bandwidth, FMCW Waveform
Communication Interface	2x CAN 2.0b. J1939 250/500 Kbits/sec. (1 Mbps/sec. option)
Range	Configurable from 0.3–40 m
Range Resolution	0.2 m
Range Accuracy	±0.2 m
Vertical Field of View	±3.5 degrees
Horizontal Field of View	±75 degrees
Max Doppler Velocity	±26.1 m/s
Doppler Resolution	0.5 m/s
Doppler Accuracy	±0.2 m/s
Number of Raw Targets	Up to 64
Number of Target Tracks	Up to 64
Update Rate	50 ms
Input Power	9–33 VDC up to 600 mA max
Auxiliary Input/Auxiliary Output	9–33 VDC/9–33 VDC — Switch to Ground
Operating/Storage Temperature	-40° to +85 °C/-55° to +105 °C
System Diagnostics	Built-in Self Test (BIST), Sensor Blockage Warning
Enclosure	IP6K9K
Connector Type	TE GET64, HDSCS 12 pin

88.5 mm
4x 6.5 mm
107.5 mm
60 mm
104 mm

24.6 mm
39.1 mm
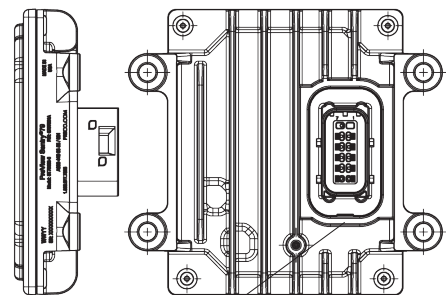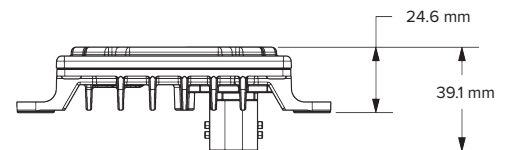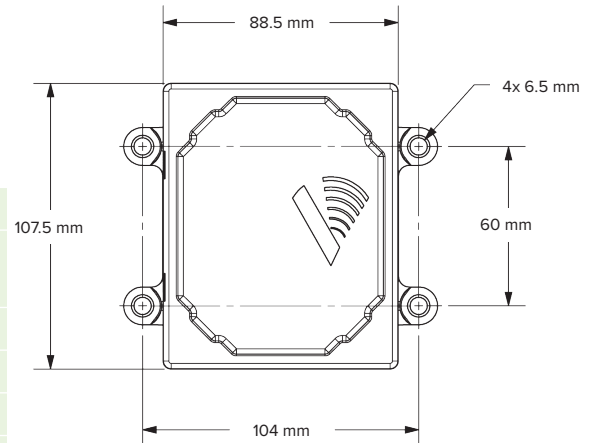
CONNECTOR END VIEW
TE GET64, HDSCS 12 PIN
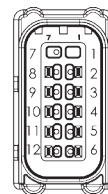
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Sensata
Technologies

MACHINE
SAFETY &
PROTECTION

AutoTech | RiskTech | ManTech | ServTech | FleetTech | EngTech

Call us today!
TRYSOME
AUTO-ELECTRICAL ENGINEERING
Delivering Optimal **Uptime!**