



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.



AutoTech | RiskTech | ManTech | ServTech | FleetTech | EngTech



Preview Sentry® 79

79 GHz Short-Range Radar



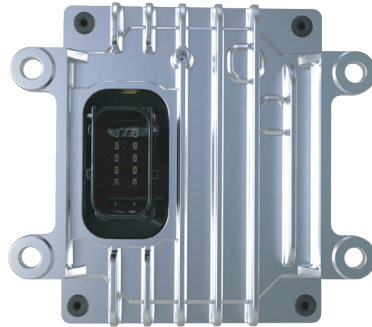
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PERFORMANCE

- 79 GHz FMCW waveform

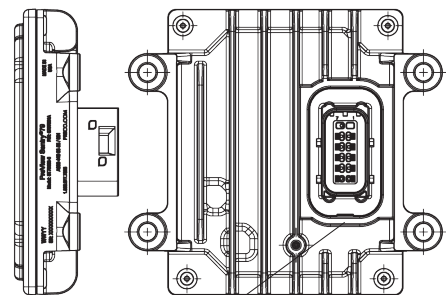
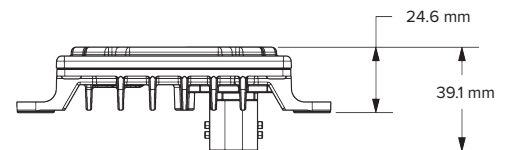
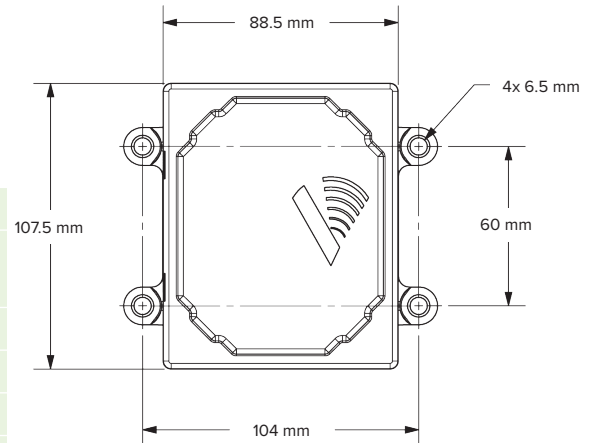


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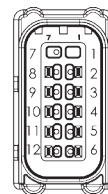
UK
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SPECIFICATIONS

| | |
|----------------------------------|---|
| 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 |



CONNECTOR END VIEW
TE GET64, HDSCS 12 PIN



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 **Sensata**
Technologies



MACHINE
SAFETY &
PROTECTION

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Call us today!
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This product may not be a stock item. Please speak to our sales representative about lead times. Lead times, price, and availability can only be determined on receipt of an official quote from our supplier. This can sometimes take up to 3 days.