



Dual Sunload Sensor

The **CASCO** Sunload Sensor is a state-of-the-art dual-zone active sunload sensor. The sensor functions in conjunction with the climate control system to automatically adjust the air-flow and air temperature based on the actual sun intensity experienced by both the passenger and driver.

Advantages of the Casco Sensor are:

- ☞ Dual-independent output channels
- ☞ Optimal intensity/angular response
- ☞ Opto-electrical assembly completely independent from sensor housing, allowing OEM specific packaging
- ☞ Excellent linearity vs. sun intensity
- ☞ Temperature stabilized design
- ☞ Minimal sensor-to-sensor and channel-to-channel variability
- ☞ Fully qualified production-ready product



Electrical	
Operating voltage	5 Volts
Output	Active Analog Output
Environmental	
Storage temperature	-40°C to 110°C
Operating temperature	-40°C to 110°C
Functional	
Dark Output voltage	0.3 Volts
Maximum output voltage	3.0 Volts (by 1000 W/m ² sun energy)

