



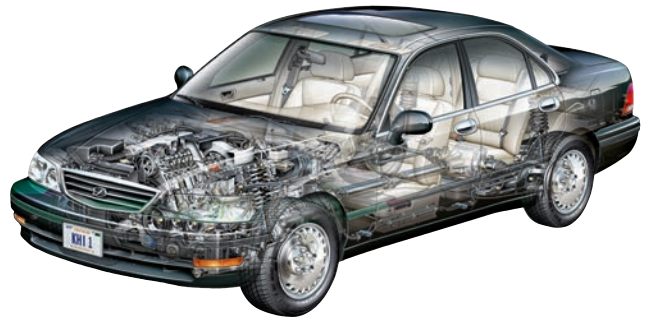
Solar (Sunload) Sensors

Overview

Thermometrics Solar (Sunload) Sensor is mounted on a vehicle's dash near the front windshield. It uses internal photo diode cells to measure the intensity of the light that enters into the passenger cabin of the vehicle. The sensor feeds this information back to the Automatic Temperature Control (ATC) Unit of the vehicle's air conditioning system. The air temperature of the driver and passenger sides are then automatically adjusted up or down, depending on the amount of energy entering into the vehicle cabin compared to the settings of the ATC. The combination of twilight function will control the head lamp on/off automatically during driving.

Features

- Single/dual type solar sensor
- Twilight with dual solar available
- Fast response time
- Easy to install
- Linear response to sunlight intensity and ambient light
- Horizon-to-horizon visible
- Narrow signal tolerance



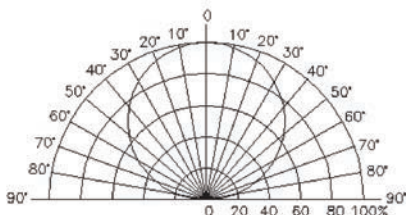
Amphenol Solar Sensors

Single

P/N: SUF083J



Relative Solar Output

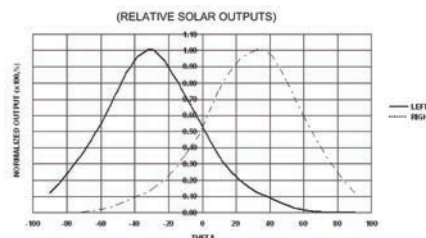


Dual

P/N: SUF005A



Relative Solar Output

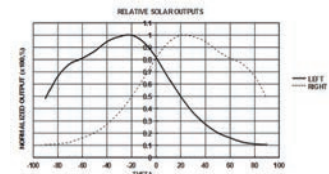


Dual and Twilight

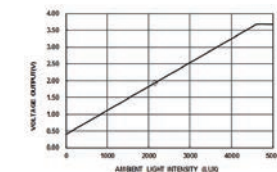
P/N: SUF016A



Relative Solar Output



Twilight Current Output



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