



PM2.5 Automotive Dust Sensor(DSF037A)

Overview

Amphenol DSF Series of PM2.5 Automotive In-Cabin Particulate Dust Sensors are designed specifically to meet the needs of OEM manufacturers for a low-cost dust sensor with Lin2.2 Output for in-bulkhead mounting.

DSF037A Sensor is designed for automotive in-cabin air quality applications where PM2.5 needs to be measured. The impactor design enables superior performance with long-term reliability.



Features

- Operating Voltage Range : 9 ~ 16VDC
- Storage Temp Range : -40°C~+85°C
- Operating Temp Range : -40°C~+80°C
- Laser Light Scattering Technology
- A reliable sensor design based on extensive research, field testing, engineering and manufacturing expertise
- LIN2.2 output
- Embedded filtration for longer life
- Sensors are shipped factory calibrated

Applications

- PM2.5 measurement for Automotive HVAC application

