ACM4 Automotive Air Classification Module aka AQS / AUC

For automatic air intake / recirculation flap control

ScioSense®

Features

- Multi-gas sensor for reliable detection of
  - Carbon monoxide (CO) and hydrocarbons from Gasoline engines
  - Nitrogen oxides (NO_x) from Diesel engines
  - Volatile organic compounds (VOCs), Ammonia (NH_3), Ozone (O_3)
- Automatic adaptation to country and city environments
- Multiple, standardized mounting options: Bayonet or DELPHI clips

Benefits

- Clean cabin-air comfort
- Customizable to OEM-requirements with PWM or LIN interface
- Fully traceable, automotive grade product - easy & tool-free integration
- Market proven solution, with more than 50 million units shipped

Properties

- AEC-Q100, ISO/IATF16949:2016 and VDA6.3 conformant design
- IP5K4K, IPx7 and IP9K compliant packaging
- Optional temperature & humidity / dewpoint sensor
- Temperature range: -40 - 125°C
- Lowest power consumption in market: <30mA
- Dimensions: W 31.3 x L 44.59 x H 35.4mm w/o fixture