

CO₂ sensor SACD series



Features

- Robust photoacoustic measuring technology
 - Configurable alarm levels
 - Low-power surveillance mode
 - Compact design for hidden in-cabin mounting
 - LIN interface, always-on 12 V compliant with possibility of waking bus
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To protect passengers from R744 leakage into the cabins and to optimize the recirculation rate, CO₂ levels must be monitored. High concentrations of CO₂ can accumulate due to continuous slow leakage of R744 into the cabin when the vehicle is parked or when recirculation is used. Our sensor is mounted inside the cabin to measure CO₂ levels accurately and continuously. The measured CO₂ levels in the cabin can also be used to make more efficient use of recirculation rather than general assumptions based on the number of passengers.
