

Automotive Sensors: Trends & Forecasts to 2020



As the electronic content in vehicles increases, demand for automotive sensor applications will continue to grow unabated. While certain types of sensors such as oil pressure, coolant temperature, vehicle speed and fuel level sensors have long been featured inside vehicles, new applications are emerging, particularly in engine management and safety-related areas.

Overall, demand for sensors is driven by the need to build cleaner, safer, more reliable, fuel efficient, convenient, and comfortable cars. But cost is also a major consideration.

In this second edition reviewing the key market drivers for automotive sensors, we extend and update the analysis originally published in 2004, and review the trends in the intervening eight years. It provides an authoritative overview of the technology issues (both present and future) as well as detailed market information for each of the sensor categories covered.

This exclusive report from ABOUT Automotive focuses on the following key areas:

- MEMS (micro electromechanical systems) technology
- Pressure sensors
- Magnetic sensors
- Radar and camera sensors
- Gas sensors
- Inertial sensors (accelerometers and gyroscopes)

Report coverage

Chapter two sets out product trends and forecast fitment levels for various types of sensors used in passenger cars in each major vehicle producing region through 2020.

Chapters three through eight examine major trends and market estimates for MEMS, Pressure, Magnetic, Radar & Camera, Gas and Inertial sensors.

Chapter nine provides an overview of additional automotive sensor applications.

Chapter ten lists the major manufacturers of automotive sensors.

The report provides answers to such vital questions as:

- What will be the value of the automotive sensor market by the year 2020?
- Which new sensor applications are emerging, and how strong is their growth potential?
- To what extent is MEMS emerging as the primary future technology in the sensor market?
- Will government legislation significantly affect future demand for radar and camera based safety systems?
- Who are the leading market participants in each automotive sensor sector?

Published: January 2013 Price: £495 No. pages: 40 Format: PDF

ORDER FORM

1 Purchase information

I would like to purchase
Automotive Sensors: Trends &
Forecasts to 2020

Quantity	Price*	Total
<input type="text"/>	£495	<input type="text"/>

*Reports are supplied electronically as a PDF.

2 Personal details

(Please attach your business card or complete the following in capitals)

Name (Mr/Mrs/Ms/Dr)	
Job title	
Company name	
Address	
City	
Zip/postcode	Country
Nature of business	
Tel	
Fax	
E-mail	

3 Payment method

I enclose a cheque for £ payable to

ABOUT Publishing Limited.

Customers can pay by cheque with either of the following methods: Sterling cheques drawn on a UK bank. Cheques in US dollars, euros or in any freely convertible currency drawn on the country of origin at current exchange rates.

Please charge £ to my Visa MasterCard AmEx

Account number
Name
Valid from
Signed
Expiry date
<input type="checkbox"/> Please send me a proforma invoice (Report(s) will be sent on receipt of payment)

The above prices do not include VAT. Customers in EU member countries may be liable to pay VAT if their Registration Number is not supplied. Please enter your EU Registration Number (VAT/TVA/BTW/MOMS/MWST/IVA/FPA) below:

4 Please send your order to

ABOUT Publishing Group Limited 21 Noel Street, London, W1F 8GP, United Kingdom

Telephone: +44(0)7980 255253

e-mail: sales@aboutpublishing-auto.com www.aboutpublishing-auto.com



ABOUT
Publishing Group

ABOUT Publishing Limited. Registered in England No. 4344194. Registered office: 21 Noel Street, London, W1F 8GP.