

FOR IMMEDIATE RELEASE

November 12, 2008

Press Contact

Petra Streifler
Manager PR & Advertising
phone: +49 6103 709 1699
fax : +49 6103 709 1619
e-mail: pstreifler@tycoelectronics.com

Tyco Electronics AMP GmbH
AMPèrestr. 7-11
63225 Langen
Germany

Tyco Electronics Presents PLCD Position Sensor for Exhaust Gas Recirculation of Truck Engines

Future emission laws demand new technologies for optimisation of the combustion process. Further to the addition of chemical substances (SCR) there is also the significant technology of exhaust gas recirculation

A pneumatic cylinder, controlling a flap, regulates the volume of exhaust gas which is recirculated. For precise control in this application a displacement sensor has to fulfil the following requirements

- Safe fixture on the cylinder
- Wear free measurement even after millions of cycles of the actuator
- Very precise measurement
- Suitable for temperatures up to 150°C
- High resistance against vibration

For a precise measurement of displacement and positions Tyco Electronics employ their own patented principle, the PLCD sensor (Permanentmagnetic Linear Contactless Displacement)

As a sensor manufacturer and development partner in the automotive industry, Tyco Electronics offers their long experience of development and project engineering for new sensor application systems.

For the realisation diverse portfolios of electromagnetic components and sensors are



available, with modern process technologies, that have been the basis of successful products within the automotive industry.

Information about Tyco Electronics – Automotive Sensors:

As a specialist for non-contact sensors (Position, Travel, Angle, Speed, Temperature) Tyco Electronics offers innovative technologies and product solutions for automotive applications, as for example:

- Transmission (Neutral-, Drive Mode-, Gear/Shift position, Speed Sensors)
- Clutch (Position Sensors for Master-, Slave- and Concentric Slave Cylinder, Clutch Pedal)
- Seat (Seat Track Position, Seat-belt buckle)
- Steering (Torque, Steering- and Motor Angle Sensor, Rear Axle Steering Cylinder)
- Brake (Brake Light Switch, Wheel Speed Sensor, Brake Simulation Module or Brake Master Cylinder)
- Chassis (Chassis Level, Convertible Roofs, E-gas Modules)
- Engine and Exhaust Management (Throttle, Air Control, Turbocharger, EGR, Cam- and Crankshaft)
- Convenience Applications (Door Lock Units, Convertible Sun Roof)
- Fuel Level Management (Fuel Level Sensor, Filter Water Detection, Fuel Pump Control)

About Tyco Electronics

Tyco Electronics Ltd. is a leading global provider of engineered electronic components, network solutions, undersea telecommunication systems and wireless systems, with 2007 sales of US\$13.0 billion to customers in more than 150 countries. We design, manufacture and market products for customers in industries from automotive, appliance and aerospace, defense and marine to telecommunications, computers and consumer electronics. With over 7,000 engineers and worldwide manufacturing, sales and customer service capabilities, Tyco Electronics' commitment is our customers' advantage. More information on Tyco Electronics can be found at www.tycoelectronics.com.

For technical information, please contact:

Tyco Electronics AMP GmbH
Stefan Gebauer
Phone : +49 6251-133 1407
e-mail : s.gebauer@tycoelectronics.com

TE Logo and Tyco Electronics are trademarks