

Turnkey Test System for Steering Angle Sensors

Takata-Petri benefits from new Test Control Unit

Munich, April 12, 2010 - Berner & Mattner Systemtechnik has developed a turnkey steering angle sensor test system for Takata-Petri, one of the world's leading suppliers of occupant protection systems for vehicles. The project included development, implementation and integration of the control software as well as the mechanical setup of an external test control unit. Berner & Mattner's comprehensive experience in the development of HiL test systems facilitated the implementation of the complete solution from inquiry to certification in just six months. By means of the test system Takata-Petri benefits from complete, automated and accurate function tests of the steering angle sensors.

The first project with Berner & Mattner provides Takata-Petri with a very high metering precision through the precise mechanical setup as well as the great flexibility of the testing device. "Considering that we broke new ground in this project with Berner & Mattner, the result achieved in a very short time is tremendous", states Dr. Juergen Bender, Manager Electronics at Takata-Petri AG. "Our choice fell on Berner & Mattner due to their willingness to implement the requested open architecture within the time frame required. This target could only be achieved through a close and cooperative collaboration of Takata-Petri's and Berner & Mattner's development teams. "

A graphical interface facilitates set up, customizing and operation of the tests. By means of selecting and parameterizing the test cases via graphical interface, entire test sequences up to the completely automated test of specimen can be set up very easily. In addition, precisely fitting adapters enable the fast refitting of the test system to various types of devices.

About Berner & Mattner

Berner and Mattner Systemtechnik GmbH is specialized in custom-made solutions for the specification, development and testing of complex electronic systems. Its competence spectrum ranges from consulting, conception, software and systems development to the setup and operation of entire test and integration systems.

On the basis of its products and services, Berner & Mattner provides customized software and engineering solutions for the automotive, aerospace, industrial automation, transportation, and defence industries. By means of its integrated model-based approach, Berner and Mattner optimizes its customers' efficiency and quality in software and systems development. This is why well-known companies such as Audi, BMW, Daimler, Deutsche Bahn, EADS Germany and Siemens have been placing their trust in Berner and Mattner for many years. The privately owned company, with headquarters in Munich, was founded in 1979, currently employs 250 people at 8 sites in Germany and Austria and has been named a "Bavaria's best 50 for 2009" company. Further information on Berner & Mattner: www.berner-mattner.com.

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Press contact:

Berner & Mattner
Systemtechnik GmbH
Erwin-von-Kreibitz-Str.3
D-80807 Munich
Phone +49 (0)89 60 80 90-0
Fax +49 (0)89 609 81 82
www.berner-mattner.com

Martina Heinze
Marketing & Communications
Phone +49 (0)89 60 80 90-166
Fax +49 (0)89 60 80 90-299
E-Mail:
Martina.Heinze@berner-mattner.com

HighTech Communications GmbH
Grasserstr. 1c
80339 Munich
Phone +49 0(89) 50 07 78 20
Fax +49 0(89) 50 07 78 77
www.htcm.de

Heike Mittmann
E-Mail:
h.mittmann@htcm.de