



## Press Release

### **Push Back Probe V03 with integrated switch function Economical solution for push back tests**

Herrenberg, March 10th 2010 - Push back tests are generally performed for testing safety relevant wire harnesses and connectors. With this test the correct position of the contact pins and the electrical function of the contact elements in the connector are tested. With the new push back probe V03 FEINMETALL now offers an eminently economical solution for push back tests at 3mm centers. The probe V03 has an integrated switch function and will be mounted into the test modules without further receptacle.

Push back tests require the use of robust spring contact probes with very high spring forces. The principle of a push back test is simple: If the mechanical seat of the contact element in the connector is correct, the probe is pushed back and triggers any kind of switch function. If the seat of the contact element is not correct, it is pushed out of the reference position. The requested switch function in a push back test can be realized in different ways: For example, special receptacles with switch function can be used or the push back probe can contact another probe at a second level. In the new push back probe V03 this switch function is already included, what leads to a significant cost reduction.

The probe V03 is not twist-proof, however a twist-proof test can be realized by a guide plate in the test module if needed. To ensure a simple and secure fixing in the module, the V03 has a groove to fix the probe either with glue or with a washer. Additionally, a knurl ensures a firm seat in the drill-hole. For maintenance reasons plunger and spring can be ordered separately and be exchanged in the module without dismantling, what reduces the operating expenses for the customers.



As market leader for spring contact probes for wire harness and connector test FEINMETALL offers a great variety of push back probes for all common centers. Due to the consistent projection heights all FEINMETALL push back probes can be combined in the same module.

**About FEINMETALL:**

FEINMETALL was established in 1964 in Herrenberg, Germany, and has specialized in the field of precision engineering and micro-mechanical contact technology. The product portfolio includes spring contact probes, test fixtures and probe cards. The products are designed and developed for application in the electronic and automotive industries. Currently FEINMETALL has approximately 200 employees at the German headquarter. Additionally, there are six subsidiaries in the Czech Republic, France, USA, Taiwan, Singapore and Mexico as well as partners and distributors in 37 countries across the globe. Wolfgang Bürkle is the Managing Director of the concern since 1997.

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Picture for Press Release V03:

