



## PRESS REPORT

### F888 – New switch probe for lateral contacting

Herrenberg, 26.08.2008 –

The new switch probe family F888 designed and developed by FEINMETALL provides a double-edged advantage over conventional switch probes. The F888 can be applied for lateral contacting and the intelligent technical solution also leads to a higher life-cycle during vertical contacting with impact of transverse forces.

The unique design of F888 contains an encapsulated rolling ball as the integrated contacting element. This ball relays its axial movement further on the micro-switch contact thus allowing a smooth transition of the forces experienced by the probe during contacting. This feature increases the life-cycle in both lateral and vertical applications. Additionally the ball allows a gentle and trace-free contacting. The new switch probe family F888 allows a lateral contacting with a maximum degree of 90°. In combination with the respective receptacle the F888 can be fitted and the height can be adjusted accordingly to balance and regulate various tolerances. The new ball-switch probe allows a vacuum-tight / pneumatic execution of modules for the connector test technology (leak-test-modules). It also features a voltage-free switching output (NO). The respective tool FWZ888 is available for screwing in and alignment. The tool FWZ888SA displays the real switching point without any soldering of wires. This new switch probe family was registered as a patent pending pattern in the summer of 2007.



**Technical Specifications:**

- Application range: Lateral presence testing of DUT in modules / test fixtures and In-Line operations for product carriers.
- Voltage-free output available
- Airtight
- Display of the real switching point by using the NEW tool for adjustment

Order Number	Center (mm)	Switch Travel (mm)	Max. Travel (mm)	Force (cN)	Length (mm)	Voltage-free output	Receptacles	Tools with LED
F8889oS1101U200S05	7,0	0,5	1,0	200	26,3	YES	H888S1 H888RD	FWZ888SA
F8889oS1102U100S07	8,64	0,7	1,5	100	20,9	YES	H888S2 H888RDS1	FWZ888SA1
F8889oS0003U100S08	6,4	0,8	1,4	100	19,85	NO	-	-



➤ **About FEINMETALL GmbH:**

FEINMETALL was established in 1964 in Herrenberg and has specialised in the field of precision engineering and micro-mechanical contact technology. The product portfolio ranges from probe cards for semiconductor wafer test to interfaces for test systems, fixtures for ICT- and functional tests including an extensive programme of spring contact probes. The products are designed and developed for applications in the electronic industries, in the automotive industries and in industry with proximity to the automobile sector. Currently there are 245 employees in the headquarters and 60 employees in one of the subsidiaries – in the Czech Republic. Worldwide there are three further subsidiaries (Taiwan, Singapore and USA), as well as partners and distributors in 37 countries across the globe. Mr. Wolfgang Buerkle is the Managing Director of the concern since 1997.

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