



Press release

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Area: Position sensors

Subject: Full-metal inductive sensors of the C series

At the SPS/IPC/DRIVES 2008 ifm electronic will for the first time present the third series of full-metal sensors. The C series is especially designed for applications in the metalworking industry.

For the one-piece housing the threaded body and the sensing face are made of stainless steel. The housing material and novel sealing concept ensure optimum protection against penetrating moisture such as oils or coolants.

The full-metal sensors of the C series have a reinforced sensing face. Therefore the sensing face withstands mechanical stress, e.g. impacts, much more often than a sensor with a plastic face. Passed vibration, shock, impact and coolant tests confirm this in rough operating conditions.

The sensors are available in the standard designs M12, M18 and M30 and rated for an operating temperature of -25 to 70 °C.

The oil-resistant connector ecolink EVC and the full-metal sensors of the C series are an optimised sensor and connector system for the machine tool industry.

In addition to the C series, ifm electronic also supplies full-metal sensors which are specially adapted to welding applications (R-series) and hygienic and wet areas (T series).

ifm electronic at the SPS/IPC/DRIVES 2008: hall 7a, stand 302.

Customer contact:

ifm electronic gmbh
Teichstr. 4
45127 Essen
Germany

www.ifm.com
info@ifm.com

Press / public relations / media planning:

Simone Felderhoff, +49 (0)201 / 24 22-411
simone.felderhoff@ifm.com

Technical writing

Dipl.-Ing. Andreas Biniasch, +49 (0)201 / 24 22-425
andreas.biniasch@ifm.com

Sabrina-Ulica Schuster (M.Sc.), +49 (0)201 / 24 22-425
sabrina-ulica.schuster@ifm.com

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