

Press release

**wpi 319 / 0208
February 2008**

Area: position sensors

Subject: capacitive 'see-through' sensors

The capacitive sensors of the type KG5067 and KG5069 have been optimised for the detection of conductive media through non-metal walls or on bypasses. Only condition: the medium to be detected must have a dielectric constant > 20. Typical applications are the detection of minimum levels, leakage or overflow of tanks.

A special feature is the new operating concept: adjustment to the medium and setting of the output function "NO" or "NC" are carried out by one push of the button. Advantage: the automatic load detection of the switching output simplifies configuration and set-up with different evaluation systems. PNP or NPN inputs at the external electronics are automatically detected.

The units are designed for non-flush installation and have a sensing range of 8 mm for a setting range of 2 to 14 mm.

All units have a 2 m long PVC connection cable. An LED integrated into the housing indicates the switching status. The operating voltage is between 10 and 36 V DC.

ifm electronic at Hannover Messe 2008: hall 9, stand D36.

Customer contact:

ifm electronic gmbh

Teichstr. 4

45127 Essen

www.ifm.com

phone: +49 (0)201 / 24 22 0

fax: +49 (0)201 / 24 22 200

e-mail: info@ifm.com

Press contact:

Trade press:

Andreas Biniash, Phone: +49 (0)201 / 24 22 425

andreas.biniash@ifm.com

Sabrina-Ulica Schuster, Phone: +49 (0)201 / 24 22 629

sabrina-ulica.schuster@ifm.com

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