



Application magnetic sensor in pigging technology:

Pigging technology is used i.e. in most areas of the food industry. Among other things, hygienic pigging systems have a simple geometry and a flow-optimized design.

Application Photo: Kieselmann

Magnetic and inductive proximity sensors - Customer specific sensors

Beta Sensorik which was acquired by Meyer Industrie-Electronic GmbH in 2022 is specialist in inductive and magnetic proximity switches of the highest quality since 2002.

In particular, magnetic sensors with high switching distances, such as those used in pigging technology, are among our specialties.

Developments of customer-specific special solutions are among our strengths.



- Magnetic Sensors 3-wire up to 120mm Switching distance, also with time pulse stretching (standard $t_a = 200ms$)
- Magnetic sensors Namur for hazardous areas up to 120 mm switching distance, also with time pulse elongation
- High temperature sensors ($175^{\circ}C$) 3-wire or Namur (Namur with Ex approval)
- Magnetic combination sensor NO + NC 24 V + Namur (6 connections all in one housing 28x16x10)
- Magnetic sensors M8 120mm sensing distance (also with time pulse stretching)
- Magnetic field resistant inductive M8 sensor (250mT) i.e. for querying magnetized slides or core pulls in injection molds
- Sensors for 3.6V, power consumption $<200\mu A$ for wireless application
- Magnetic and inductive sensors $-40^{\circ}C$ to $+100^{\circ}C$

Meyer Industrie-Electronic GmbH
Carl-Bosch Str. 8-12
49525 Lengerich / Germany

Phone: +49-5481-9385-0
Fax : +49-5481-9385-12
E-Mail : sales @meyle.de

Internet:
www.betasensorik.biz
www.betasensorik.de
www.meyle.de

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