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Press release

RHEINTACHO speed sensor for the tough jobs:

PWM-output - temperature detection included - overmolded connector

The overmolding of the pre-assembled connector (DEUTSCH DT04 series) creates a perfect, sealed solution. The sensor itself already meets IP6K9K (ISO 20653) and IP67 (EN60529). With this product, RHEINTACHO is adding a very interesting variant to the well-known sensor series. Thanks to the intelligent design of the overmolding tool, the dovetail groove of the connector remains functional and thus offers good fastening options.

Reliable, longterm sealing capabilities

With the FE pwm, RHEINTACHO extends the FE series with the perfect solution for use under the most difficult environmental conditions. The very compact sensor body has a total height of only 36.8mm with an insertion depth (e.g. into a motor housing) of 18.4mm. The sensor housing is made of a resistant, proven brass alloy and offers high resistance to the usual fluids that occur in everyday hydraulic life. The sensor body is sealed by means of an o-ring. The combination of o-ring and precisely manufactured metal housing guarantees excellent long-term stability. This offers reliable sealing capabilities.

Temperature detection included

The latest addition to this series offers an innovative additional benefit: temperature detection is also integrated into the speed sensor. The interface is a DEUTSCH DT04 4-pin connector that is widely used in the hydraulic world. In order to deliver a good performance in robust everyday use, the backside of the connector is overmolded here as well. The simple, inexpensive recording of the temperature is an interesting feature, especially in hydraulic circuits



Image: FE pwm speed sensor with overmolded connector

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RHEINTACHO Messtechnik GmbH is a company with longstanding tradition and has been engaged since 1901 in the field of rotational speed, a crucial control quantity for mechanical processes. Just over 90 employees are employed at the company's headquarters in Freiburg. In-house product development, production and assembly departments guarantee quick and innovative solutions to customers' individual requirements. The production range incorporates a wide range of solutions of a high technical quality, principally in the field of rotational speed: sensors, hand-held measuring devices, rotary encoders and switching devices. RHEINTACHO UK Ltd, a subsidiary of the German company RHEINTACHO Messtechnik GmbH, is specialized in the production of non-electronic measurement and indication instruments, and acts as a sales and service center for the UK and Ireland.

www.rheintacho.com

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