
Date: July 2022
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Press release

IP67 / IP69K - Applicable up to 140°C: RHEINTACHO FQ series

The speed sensor for demanding cases

Three new variants with DEUTSCH DT04 connector and M12 connector complement the already well-established sensor series for the detection of speed and direction of rotation. The overmoulding on the back of both connector variants achieves a very good seal. Perfect for use in critical ambient conditions. The FQ series thus achieves protection classes IP67/IP69K up to the plug connection.

Due to different sensor lengths, cable outlet directions and the variety of available connectors, the series offers the user a high degree of flexibility. Adaptation to very individual requirements is thus possible. And if none of the available models fits, RHEINTACHO with its recognised expertise in customised development will be happy to provide an individual solution.

The electronic design of the FQ series is available in two versions, independent of the mechanical versions: Frequency range from 0.1 Hz - 20kHz and 0Hz- 40kHz. A variant with additional temperature detection is in preparation.

The high temperature resistance combined with the high protection class make the FQ series the ideal sensor for innovative, electric drive solutions. Sales and Marketing Manager Wolfgang Sexauer is certain: "We are following the development of electric and hybrid drive concepts for construction and agricultural machinery with great interest. With the FQ series, we provide the perfectly matching speed sensor. At bauma Munich, bauma China and CONEXPO-IFPE we are looking forward to interesting discussions on this topic".

You will find RHEINTACHO at the following trade fairs:

bauma Munich - Hall A3/ Stand 313

bauma China - German Pavilion

CONEXPO IFPE - South Hall / Stand S-80040

RHEINTACHO Messtechnik GmbH

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Speed sensor FQ series with molded M12 connector



DEUTSCH DT with overmoulding on the back for optimal sealing

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.

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