For reliable measurement, control and indication of rotational speed



Tacho generators

for accurate measurement of the rotational speed of motors and engines

No external power supply needed

Mechanical transfer of rotation

Shock resistant

Tested according to international standards



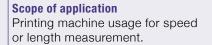
Versatile rotational speed measurement

RHEINTACHO tacho generators reliably measure the rotational speeds of motors. The rotation is mechanically transferred directly via a shaft to the sender. At the output of the sender there is an electric signal proportional to the rotation. The signal is then normally transferred to a *RHEINTACHO* indicator system. The senders are available with a normalized voltage, current or pulse output, which means that the right model can be chosen for a wide range of indicator and control units. *RHEINTACHO* also offers custom solutions adapted for the application.

Because of their sturdy and compact design and their electromechanical measuring procedure, tacho generators are absolutely suitable for industrial applications and are used in plant construction and mechanical engineering, as well as in power and drive engineering, and above all in shipbuilding.

They can measure the rotational speeds of ships' engines, turbines, rotors, rollers or conveyor belts very reliably, even under the most demanding conditions, because this measuring method needs no external power supply. Even if the on-board supply fails completely, the tacho generator continues to provide accurate readings. **Scope of application** Production of plastic mouldings in connection with speed measurement on injection moulding machines.

Also the human eye can interpolate graduations on a dial surprisingly accurately. So an experienced operator gets more information from a dial than just a static reading. How many digital products nowadays incorporate an analogue element?



Scope of application Textile production measurement of speed and length.













Brackets

Spring couplings

	lechnical data	
	Type of output	AC or DC
	Generated voltage	Standard AC type: 20 V 66.6 Hz or 40 V 133.3 Hz/1000 rpm
		Heavy duty AC type: DgF 4 or E3 for marine application
5		25 V 200 Hz or 63 V 133.3 Hz / 1000 rpm
	Accuracy	Less than +/-1 %
	Maximum speed	Standard AC type: up to 10,000 rpm
		Heavy duty type: up to 3,000 rpm
1		DC type: up to 5,000 rpm
•	Mounting method	Base mount with bracket
		Flange
5	Features	Protective system IP54
		Sea water resistant due to light metal housing
		Weather proof
		Customization of existing tacho generators on request. Nearly all connections are possible.

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We are known as the specialists for customized solutions for rotational speed measurement. Less well-known is what our success is due to.

Rheintacho is a family-owned company and intends to remain as such. Our company policy is to foster familiarity among our employees: this means an inclusive approach, emphasizing that each employee has an equal part to play in the team as a whole.

Our employees feel at home in this atmosphere of acceptance and trust. A select team in which everyone has highlevel technical expertise and a sense of responsibility.

With flat hierarchies, short routes and eye-level communication, we can fully concentrate on our priorities: customer satisfaction, innovation, flexibility, quality, efficiency, growth.

It is our goal to provide the best rotational speed measurement and control product at a competitive price for whatever requirement our customers may have. For this, there are other essential features as well: as much co-operation as possible, reliability and continuity.

Because we do this successfully, we approach our work with pleasure and passion – even under pressure. This is how we intend to continue growing, in a harmonious and sustainable fashion: in terms of employees, sales, innovation and challenges.

Find a challenge for us.



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Technical date

91

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