

Only quality matters.

Throttle controls

Safety products

Control display

Fuses

English

RIM DRIVE TECHNOLOGY



Unique throttle controls

There are good reasons to select an throttle control for your application, but there are many reasons to select a **Rim Drive Technology** throttle control over other throttle controls.

The throttle controls are designed with an **interchangeable handle** design, this in combination with the use of **contactless sensor** will provide you the optimal experience on the water.

All our throttle controls are **lightweight**, and easy to use. In addition, the throttle controls are easy to install for every user and **maintenance-free**.

“Simplicity is the ultimate sophistication”

Our lightweight throttle controls are **weatherproof** and **saltwater resistant**. Due to the **compact design**, the throttle control can be easily integrated into a clients system. Through intensive testing, a **reliable** throttle has been created that can guarantee the safety of the user on the water.

To provide the best customer experience, our throttle controls works **efficiently** with all our rim drive products.

Datasheet single control

Throttle control characteristics

Product name	Single – Top	Single – Top – Comfort	Single – Side
Article code	300002996	300004105	300002997
Technology	Hall effect sensor	Hall effect sensor	Hall effect sensor
Redundant sensor	Yes	Yes	Yes
Rated voltage	5V	5V	5V
Output voltage*	0.8V – 4.2V	0.8V – 4.2V	0.8V – 4.2V
Operating temperature range	-25°C tot +55°C	-25°C tot +55°C	-25°C tot +55°C
Storage temperature range	-40°C tot +85°C	-40°C tot +85°C	-40°C tot +85°C

*The output voltage range can be increased or decreased on request.

Throttle control dimensions

Product name	Single – Top	Single – Top – Comfort	Single – Side
Height	200 mm	160 mm	135 mm
Width	80 mm	80 mm	75 mm
Depth	80 mm	80 mm	60 mm
Mechanical angle	±90°	±90°	±90°

Throttle control classifications

Product name	Single – Top	Single – Top – Comfort	Single – Side
Protection class	IP68	IP68	IP68
Weight	0.6 kg	0.6 kg	0.4 kg
RPM control	Analog (optional PWM)	Analog (optional PWM)	Analog (optional PWM)
Standard cable length	± 20 cm or at request	± 20 cm or at request	± 20 cm or at request
Connector	2x AMP SuperSeal 3-pin	2x AMP SuperSeal 3-pin	2x AMP SuperSeal 3-pin

Datasheet double control

Throttle control characteristics

Product name	Double – Standard	Double – Standard – Comfort
Article code	300003998	300004102
Technology	Hall sensor	Hall sensor
Redundant sensor	Yes	Yes
Rated voltage	5V	5V
Output voltage*	0.8V – 4.2V	0.8V – 4.2V
Operating temperature range	-25°C tot +55°C	-25°C tot +55°C
Storage temperature range	-40°C tot +85°C	-40°C tot +85°C

*The output voltage range can be increased or decreased on request.

Throttle control dimensions

Product name	Double – Standard	Double – Standard – Comfort
Height	200 mm	160 mm
Width	160 mm	160 mm
Depth	80 mm	80 mm
Mechanical angle	±90°	±90°

Throttle control classifications

Product name	Double – Standard	Double – Standard – Comfort
Protection class	IP68	IP68
Weight	2 kg	2 kg
RPM control	Analog (optional PWM)	Analog (optional PWM)
Standard cable length	± 20 cm or at request	± 20 cm or at request
Connector	4x AMP SuperSeal 3-pin	4x AMP SuperSeal 3-pin
Integrated LED	No	No
Integrated key switch	No	No

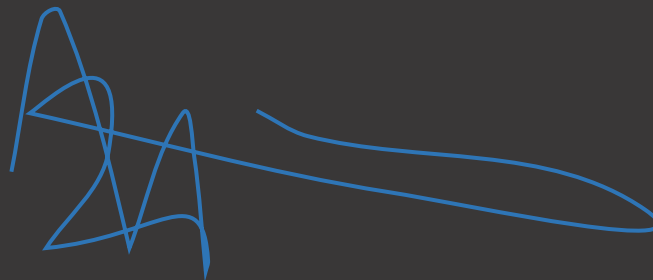
RIM DRIVE TECHNOLOGY

Our mission is to **convince customers**. Convince them that our motors work for many hours with minimal service intervals and the highest user experience. If we succeed with this mission, we will advance on our vision of a better eco-friendly future.

*“Provide customers with **electric solutions with multiple advantages compared to combustion engines**”*

These motors are perfect candidates for those who want to sail electric, as they have a streamlined design, are sustainable and functional. Because of its **unique design**, the motor consists of only one rotating part. It significantly decreases maintenance costs.

Combined with extremely high torque, fast response time, and saltwater compatibility rim-drive motors can be equipped in many applications. You will find the **Rim Drive Technology** motors on sloops, autonomous unmanned vehicles, ROVs, research vessels and navy-related sailing solutions.



RIM DRIVE TECHNOLOGY

**Uncompromised
Electric Motors**

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