

Propulsion control unit: BUK-H



The BUK-H has been designed with a zero build-in depth, for the desktop mounted shape with potentiometers. It is also suitable for transverse thruster control due to its symmetrical and therefore applicable in various orientations. The basic signal transmitters are dual 5KOhm potentiometers that return 10-90% of the supply voltage over the full lever travel of 120°.

Available output signals

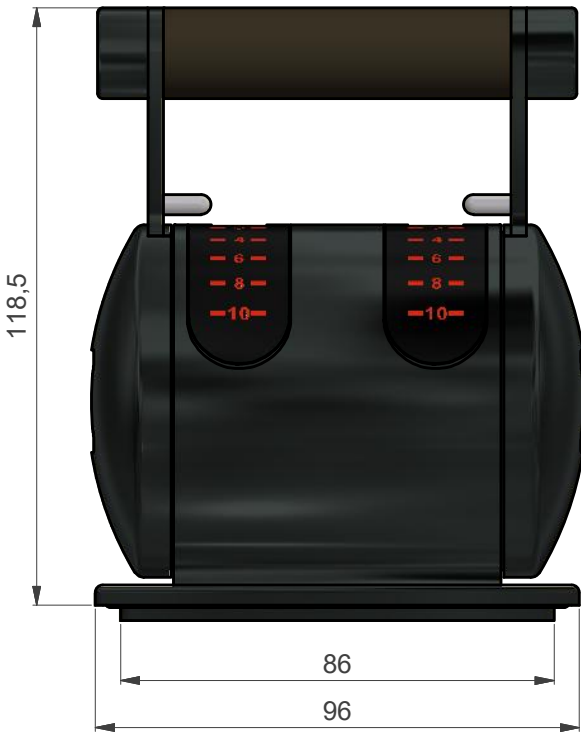
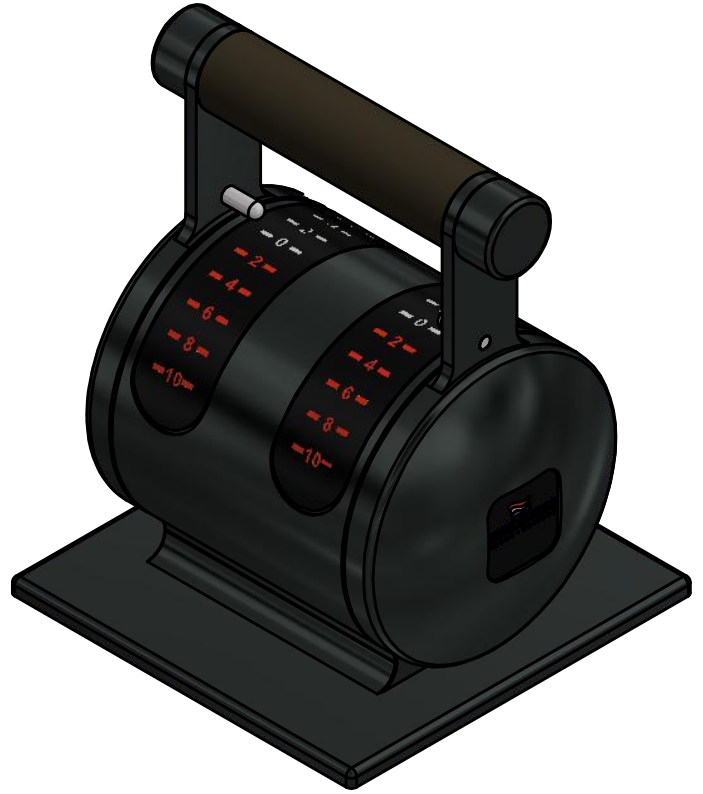
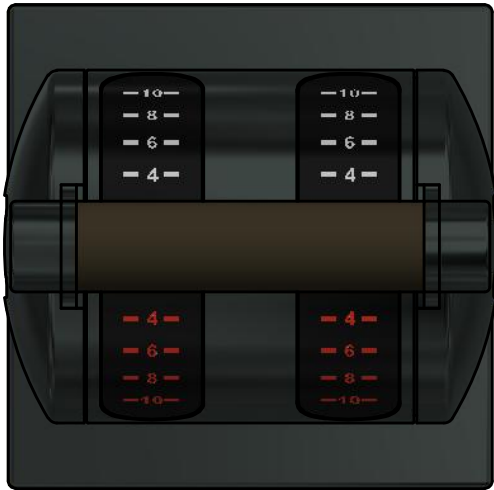
- 5KOhm;
- 4-20mA;
- Integrated CAN;

Specifications


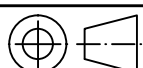
The unit is made of a seawater proof aluminium alloy and executed with one or two peripheral dials. All decorative parts are black or blank anodized. It can be equipped with single or twin levers, with cross bars.

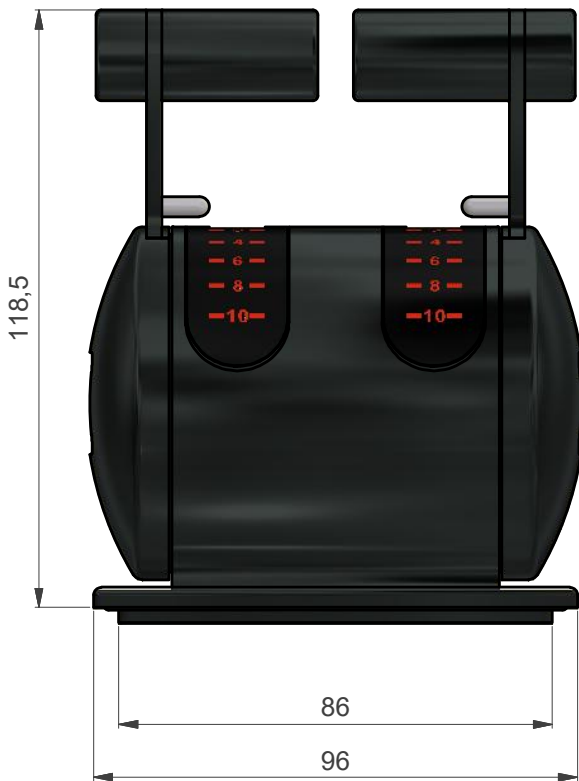
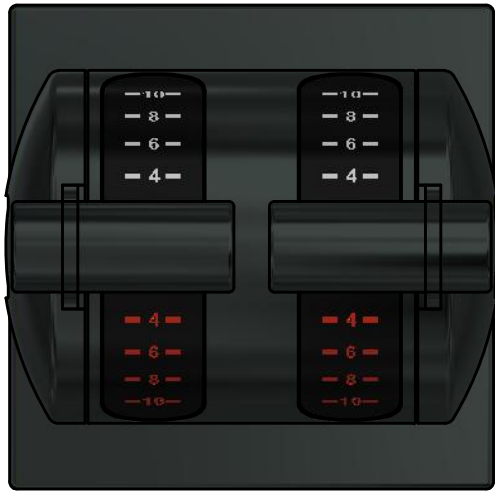
Options

- Micro switch contacts for e.g. clutch control;
- Stepper motors for:
- Automatic line-up (Electric Shaft);
- Electrical fine adjustment;
- Haptic feedback;
- Programmable detents (palpable stops);
- Customized grips (other materials like wood), logo's;
- Other options on request.

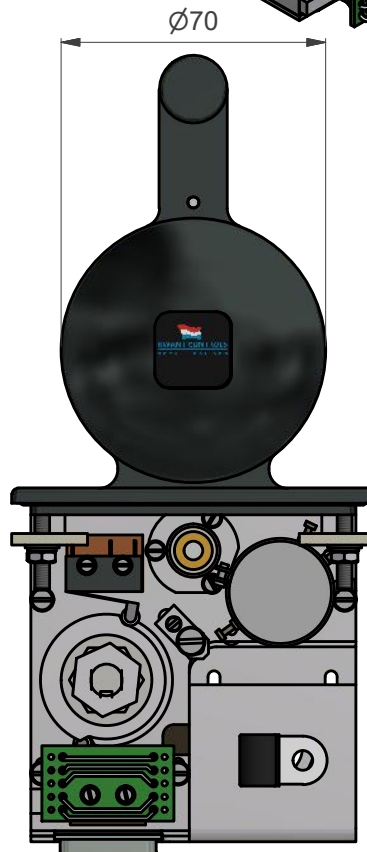
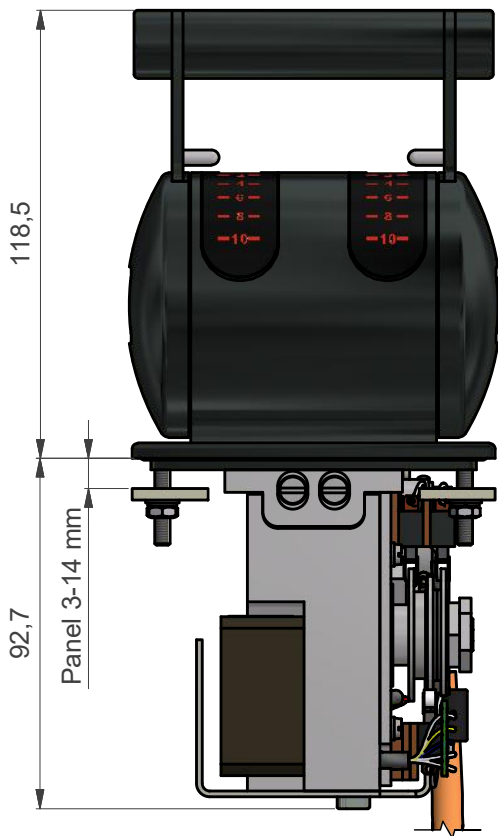
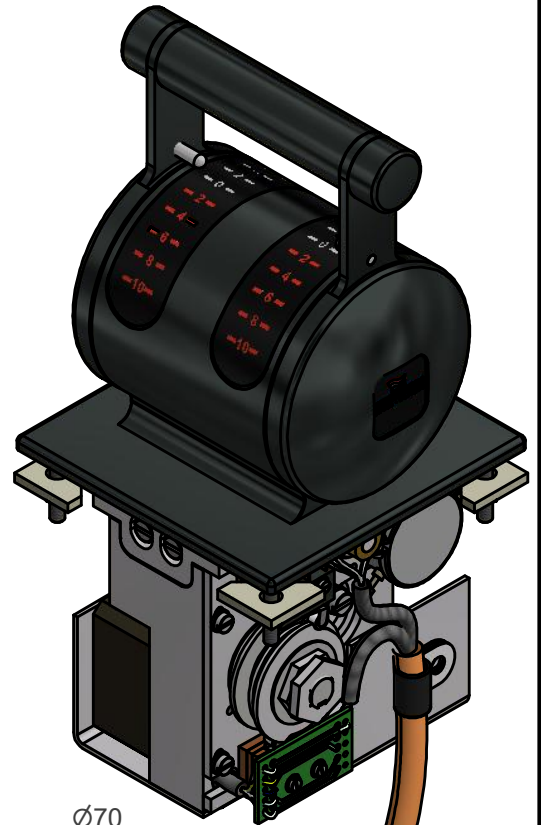
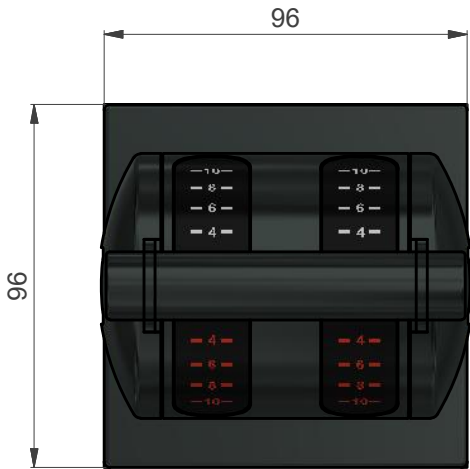


PANEL CUT OUT: 86mm x 86mm

	Title: BUK-H DLH		Drawing no: 4A0119767		
	Description: 1RC/5k		Sheet: A4	Rev.: 0	Scale: 2:3
	Dimensions in millimeters		Engineer: Evd	L.mod. date: 20-5-2019	Art.: 11508131
	Copyright according to law		Drawn by: Evd	Creation date: 27-9-2010	Sheet: 1 / 1



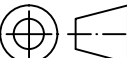
PANEL CUT OUT: 86mm x 86mm

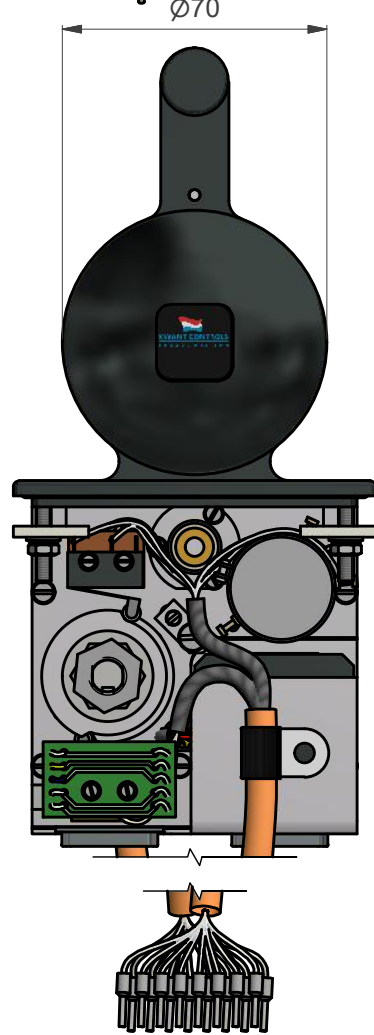
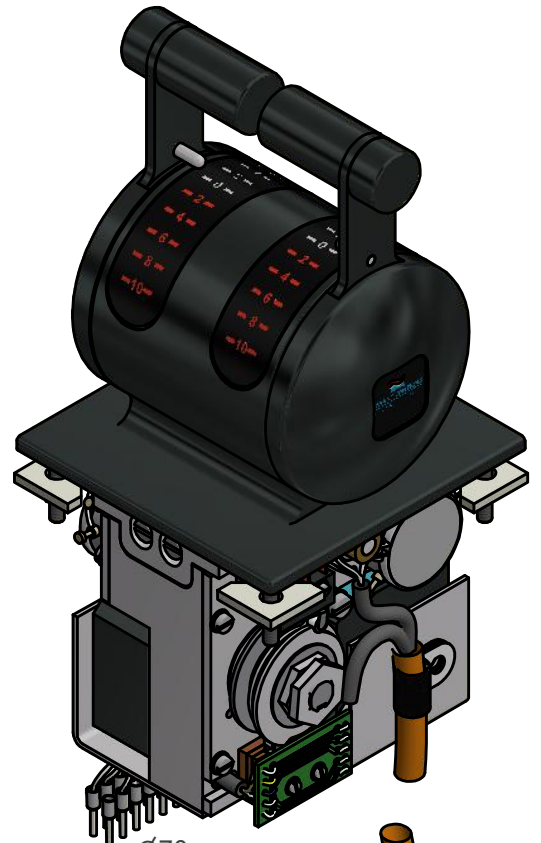
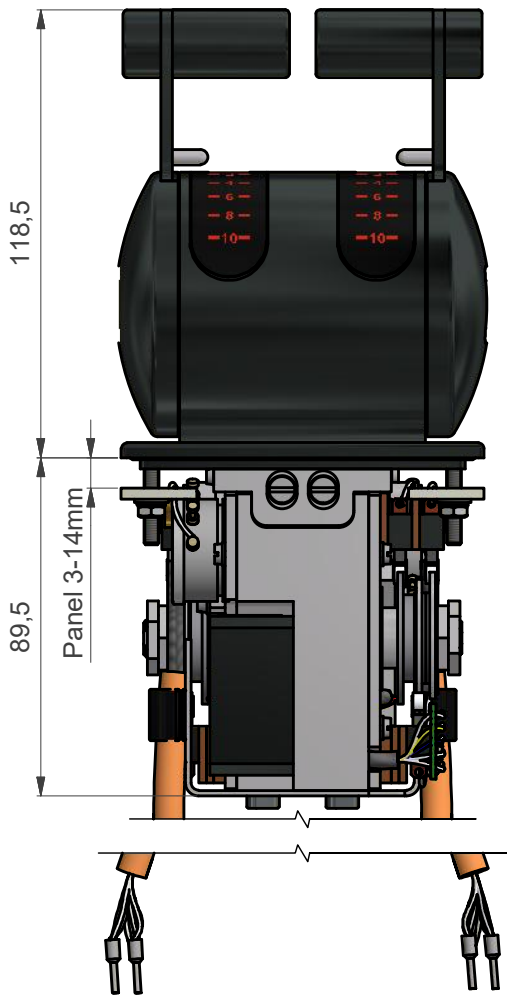
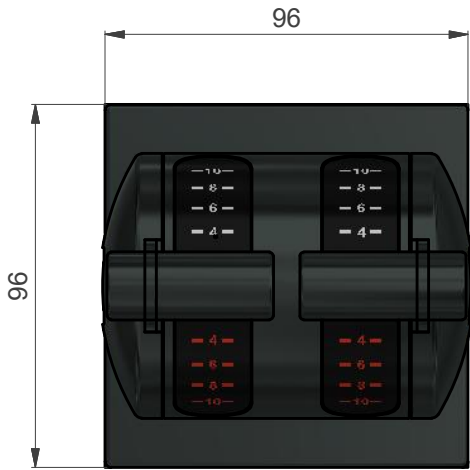


PANEL CUT OUT: 87mm x 87mm

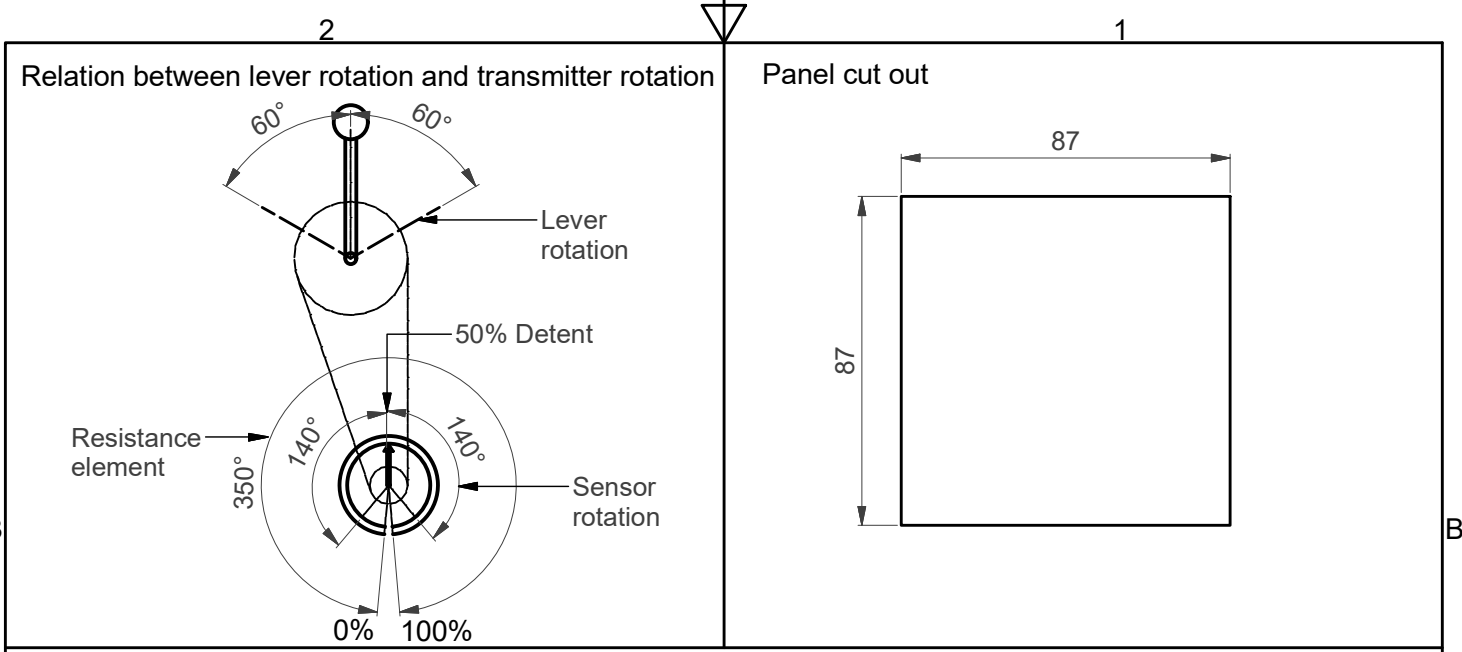
Protection front side: IP 56



Title:		BUK-H DLH mk2		Drawing no:		4A0118300	
Description:		1RC/5k + 3µSw		Sheet:	Rev.:	Scale:	
Dimensions in millimeters				A4	0	1 : 2	
Copyright according to law				Engineer: Evd	L.mod. date: 20-5-2019	Art.: 11508019	
				Drawn by: SJ	Creation date: 8-9-2009	Sheet: 1 / 1	



Title: BUK-H DH mk2		Drawing no: 4A0118393	
Description: Stepper motor 2RC/5k		Sheet: A4	Rev.: 0
Dimensions in millimeters		Engineer: Evd	L.mod. date: 20-5-2019
Copyright according to law		Drawn by: EVD	Art.: 11508006
		Creation date: 13-8-2009	Sheet: 1 / 2



Mechanical	
Transmission	Gearwheels, ratio 1 : 2.33
Housing	Anodized aluminum 51st, Wnr. 3.2315
Lever	Anodized aluminum 51st, Wnr. 3.2315
Palpable stops (detents)	1x Neutral position, 2x adjustable end stop
Grip	POM
Dial	Autotex XE
Weight	Approx. 2kg

Electrical	
Angle Sensor	Potentiometer, SCP30
Output signal	Linear, 10-90% of potentiometer supply voltage
Contacts	Micro-switch, SPDT, part no. 54100008
Dial illumination	LED-type, dimmable, 0-32VDC

Environmental	
Ingress protection	IP56
Operational temperature	-25°C / +70°C
Humidity	max. 95% / 55°C
Vibration	2-13.Hz A=2mm
EMC class	ENV-3, Lloyds / Class B, DNV-GL, all locations
Approvals	Type approved by 8 major classification societies



	Title: BUK-H DH mk2		Description: Stepper motor 2RC/5k			
	No: 4A0118393	Drawn by: EVD	Rev.: 0	Date: 13-8-2009	Art.: 11508006	Sheet: 2 / 2