



Description	
Marine controller type BS 130-005	
Operation by	Lever command
Deflection angle (X-axis)	80°
Rotation angle (Z-axis)	360°
Detents (Z-axis)	4 (every 90°)
Neutral position (X-,Y-axis)	Non-locking, snap-in point
Connector DUBOX Walled Header	12-poles 76384-312
Mating connector DUBOX Housing	12-poles 65240-012
Special	LED illumination, dimmable

Pin assignment		
1	brown	Input Z-axis, 10 ... 60 V DC
2	blue	Ground Z-axis, (0V)
3	brown	Input X-axis, 10 ... 60 V DC
4	blue	Ground X-axis, (0V) / Ext. 100kOhm potentiometer (-)
5	orange	Wiper signal for external potentiometer
6	yellow	Output X-axis (U) (0°=4.5V/80°=0.5V)
7	white	Output Z-axis (U) (0°=0.5V/180°=2.5V/360°=4.5V)
8	red	Do not use
9	grey	Output X-axis (I) (0°=20mA/80°=4mA)
10	green	Output Z-axis (I) (0°=4mA/180°=12mA/360°=20mA)
11	violet	External 100kOhm potentiometer (+)
12	red	Do not use

Version	Housing	Cover inscription	Lever	Handle
130-005.01	Signal grey RAL 7004	-	Signal grey RAL 7004	POM
130-005.02	Chromed	-	Chromed	POM
130-005.03	Black	-	Black	POM
130-005.04	Mouse grey RAL 7005	-	Mouse grey RAL 7005	POM
130-005.05	Black	-	Chromed	POM
130-005.06				
130-005.07				

		Oberfläche	Maßstab 1:1	Position	Menge
		Datum	Name	Rotation + Speed control unit	
		Bearb. 07.12.10	Kiener M.		
		Gepr.			
		Norm			
c	Pinbelegung korrigiert	23.10.13	MK	130-005c	
b	Div. Änderungen	14.06.11	MK		
a	Electr. Änderungen	06.12.10	MK		
Zust.	Änderungen	Datum	Name	Dateiname	E:\DWG\BS130\130-005c.dwg

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