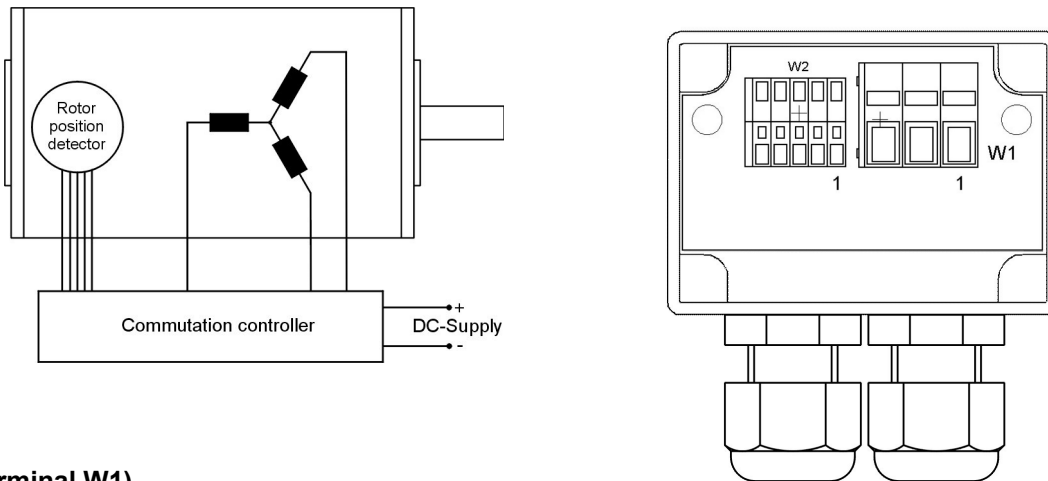


Pin Assignment BL-MOTOR with Terminal Box KL-A2

V1.01



Motor (Terminal W1)

1	blue	Motorphase C
2	green	Motorphase B
3	orange	Motorphase A

Rotor position detector (Terminal W2)

1	grey	Sensor +Vc	Supply voltage	+5...24VDC
2	grey	Sensor Gnd	Supply ground	
3	grey	Sensor A	Open-Collektor-Output	max. 50mA / 100mW
4	grey	Sensor B	Open-Collektor-Output	max. 50mA / 100mW
5	grey	Sensor C	Open-Collektor-Output	max. 50mA / 100mW

Please note:

Following figure is matching for original neutral position of all **dematek** brushless DC-Motors (**BL-Series**) for connection with external controllers **eDR4** and **dDR1**.

Typical commutation scheme of a **BL-Motor**, cw-direction

