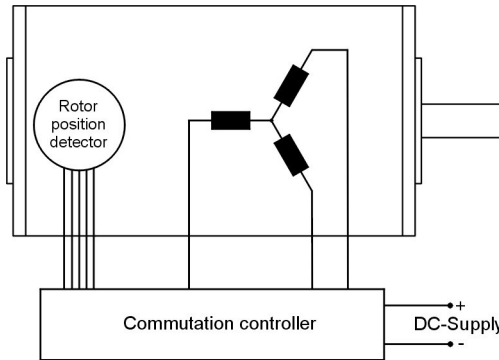


**BL-Drive series with loose leads connection**

V1.01



**Motor**

Motor phase A	Motor lead „red“
Motor phase B	Motor lead „brown“
Motor phase C	Motor lead „blue“

**Rotor position detector**

Sensor +Vc	Sensor lead „red“	Supply voltage	+5...24VDC
Sensor Gnd	Sensor lead „blue“	Supply ground	
Sensor A	Sensor lead „green“	Open-Collektor-Output	max. 50mA / 100mW
Sensor B	Sensor lead „yellow“	Open-Collektor-Output	max. 50mA / 100mW
Sensor C	Sensor lead „white“	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**

