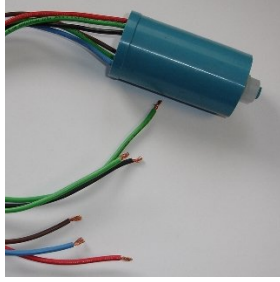
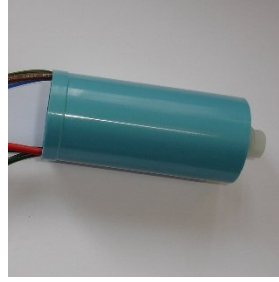
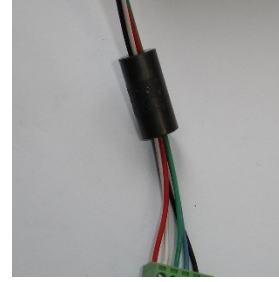




DESCRIPTION	EMC DIRECTIVE COMPLIANCE
PRODUCT	PBL42, PBL60, PBL86 motor and controller packages
DIRECTIVE	2004/108/EC
STANDARDS	EN61000-6-1 Class B Immunity EN61000-6-2 Class A Immunity EN61000-6-3 Class B Emissions EN61000-6-4 Class A Emissions

In order to meet the above EMC standards, an EMC filter is required in the power supply line to the motor controller. PBL42 and PBL60 motors require a 10A filter; PBL86 motors require a 25A filter. The PBL86 additionally requires a ferrite sleeve fitted over the Hall sensor leads close to the controller, only if meeting EN61000-6-2 is a requirement.

ACCESSORY	10A FILTER	25A FILTER	FERRITE SLEEVE
			
Parvalux part no.	50296	50297	50298
Dimensions (mm)	40 dia x 75 long	46 dia x 98 long	11.5 dia x 25 long

EMC INSTALLATION REQUIREMENTS

1. The motor and controller cases should be earthed.
2. The connection between power supply and controller must be less than 3m in length.
3. The motor should be connected to the controller using the leads supplied.
4. If the motor leads need to be modified, the replacement cable must meet these conditions: -
 - a. Screened cable should be used over the whole length from controller to motor.
 - b. The 3 motor phase leads and 5 Hall sensor leads must be 2 separate screened cables.
 - c. The cable screens must be connected to earth at both ends.
 - d. The cables should be less than 3m in length.
5. The equipment is installed such that during operation, there is no risk of electrostatic discharge reaching the exposed screw heads on the connectors to the controller.

For any further queries, telephone +44 01202 512575 or e-mail sales@parvalux.co.uk