User Manual

PLCS-40 BOB

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**PLCS-40 BOB**

The PLCS-40 BOB is designed to provide an easy way operating the PLCS-40. It is equipped with a 15 V voltage regulator, which enhances the operating voltage to 24 V.. 30 V. An additional voltage regulator provides 5 V / 1 A to an external connector. This can be used to power additional devices like the BFS-VRM 03. Furthermore, two connectors provide easy access to the RS-232 connectors of the PLCS-40. Please note that the SUB-D and PLB-21 connectors cannot be used at the same time.
Connectors of the Breakout Board (BOB)

The following picture shows the position and polarity of the connectors. The individual pin out is described afterwards.

**PLB-21**

This connector is used to connect the PLCS-40 BOB to a PLB-21. This connection cannot be used in combination with the RS-232 connector as they share the same physical interface on the PLCS-40. The following picture shows the pin out:

**RS-232**

This connector can be used to connect the PLCS-40 BOB to a PC using a RS-232 port or an USB serial converter. Please use a 1:1 RS-232 cable. This connection cannot be used in combination with the RS-232 connector as they share the same physical interface on the PLCS-40.