DPC (P/N 5417-557 / P/N 8445-1024 / P/N 8445-1026) Direct Configuration Cable

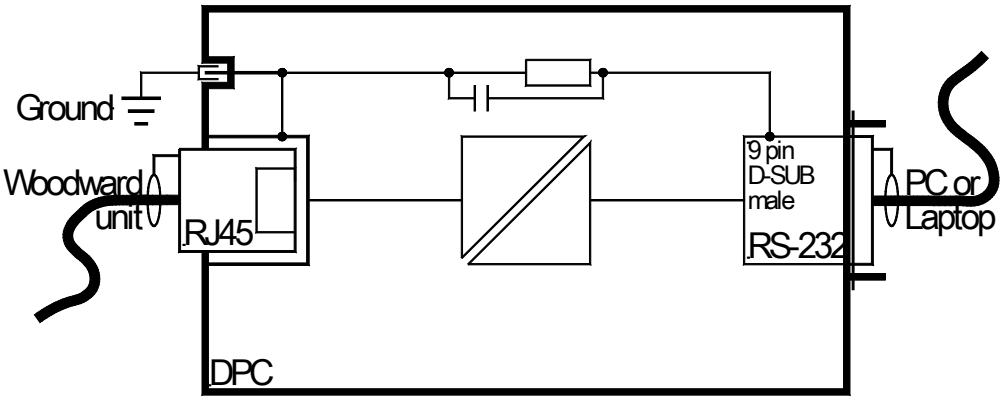
The Direct Configuration Cable (DPC) is used to connect a Woodward control or protection unit, which supports DPC connectivity with a PC or Laptop for configuration and monitoring purposes. Please use the configuration software supplied with your Woodward unit or use the latest software download on **www.woodward.com**.

Usage of the DPC

The connection cable delivered with the DPC must be used between DPC and the Woodward unit to ensure proper functionality of the unit. An extension or utilization of different cable types for the connection between Woodward unit and DPC may result a malfunction of the unit. This may possibly result in damage to components of the system. If an extension of the data connection line is required, only the serial cable (RS-232) between DPC and PC or Laptop may be extended. It is recommended to use an industry standard cable for this.

For a continuous operation (only possible with units, for which a continuous operation is explicitly stated in the manual) with the direct configuration cable DPC (e.g. remote control of the easYgen), it is required to use a DPC with P/N 8445-1024 / P/N 8445-1026 (all revisions) or P/N 5417-557 (Rev. F or higher). When using an earlier DPC version, problems may occur in continuous operation. It is recommended to use an industry standard serial (RS-232) cable to connect the DPC with the PC or Laptop for continuous operation. The shield connector (6.3mm tab connector) at the DPC (only P/N 8445-1024 / P/N 8445-1026 (all revisions) or P/N 5417-557 (Rev. F or higher)) must be connected to ground.

Connection Diagram of the DPC



Technical Specifications

Dimensions: approx. 85 x 50 x 22 mm (L x W x H)
Weight: approx. 60 g (without cables)
Power supply: via RJ45 connector
Interfaces: RJ45 connector to Woodward units, which support DPC connectivity
RS-232 connector to PC or Laptop using a null modem cable

Signal	Pin – DPC (D-SUB)	Pin – PC/Laptop
not connected	1	4 (connect with pin 8)
RxD (receive data)	2	3
TxD (transmit data)	3	2
not connected	4	1
GND (system ground)	5	5
not connected	6	6
RTS (request to send)	7	8 (connect with pin 4)
CTS (clear to send)	8	7
not connected	9	9

This document is subject to technical changes.

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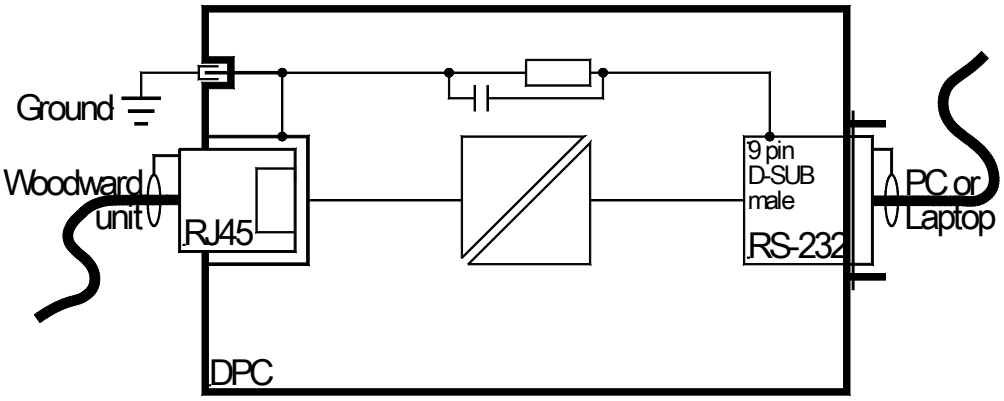

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