

Manual

Centronics Line Driver Set



Type
Release

20001
1.0

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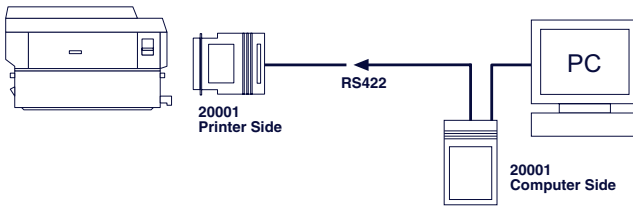
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Centronics Line Driver Set

The Centronics Line Driver Set #20001 permits unidirectional communication with a peripheral having a parallel interface over a distance of up to 1000 meters. The line driver also provides galvanic isolation up to 500 volts between the connected devices.

Function

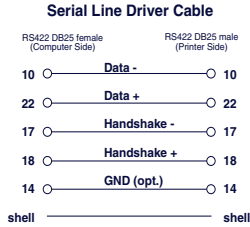
The line driver consists of two individual converters which must be powered by the power supplies included in the scope of delivery:



The computer-side interface converts the parallel data into serial RS422 format, whereas the printer-side converts the data back into parallel format.

Pressing the „Reset“ key on the keyboard of the computer-side device while running resets that device.

Both interfaces are connected via a four-conductor, twisted-pair shielded cable. This cable is configured as shown in the following diagram.



Should a problem arise, first check whether the printer functions without the „Centronics Line Driver Set“ by connecting the computer to the printer directly using a short cable. To rule out any possible mistakes in the wiring, you can also connect the computer-side interface directly to the printer-side interface for test purposes, which allows you to check the Centronics Line Driver Set without the serial cable. If the configuration works without the communication line, then recheck for correct cable wiring using the above diagram.

Technical Data

- Insulation: min. 500 V
- Transmission rate: 8 kcps
- maximu distance: 1000 m
- Power sup;ply: 2 AC adaptors included
- Input: 36-pole Centronic female
- Output: 36-pin Centronics male,
receiver module can be plugged directly
into the printer
- Housing: Plastic enclosure, 124x74x21 mm
Plastic enclosure, 75x61x20 mm
- Weight: approx. 750 g incl. power supplies
- Scope of delivery: 1x Centronics Line Driver Set
2x AC adaptors for office use