

FD-40

Fieldbus converter, PROFIBUS DP – Serial

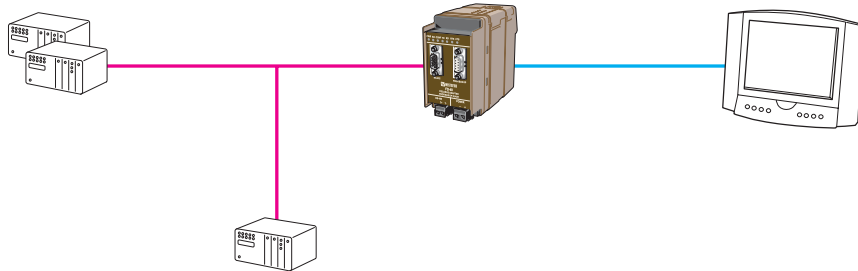


- RS-232 / RS-485
- Common application areas: Measurement instruments, electronic scales, operator terminals, printers, displays
- Integrated PROFIBUS DP-slave
- Galvanic isolation
- Full termination and failsafe switch selectable
- Fully compatible with the PROFIBUS DP-standard
- Up to 12 Mbit/s (PROFIBUS DP-speed (including 45.45 kbit/s)
- 15 kbyte INPUT/OUTPUT buffer
- Reliable performance and function
- Handles high levels of interference and exposed locations

Field of application

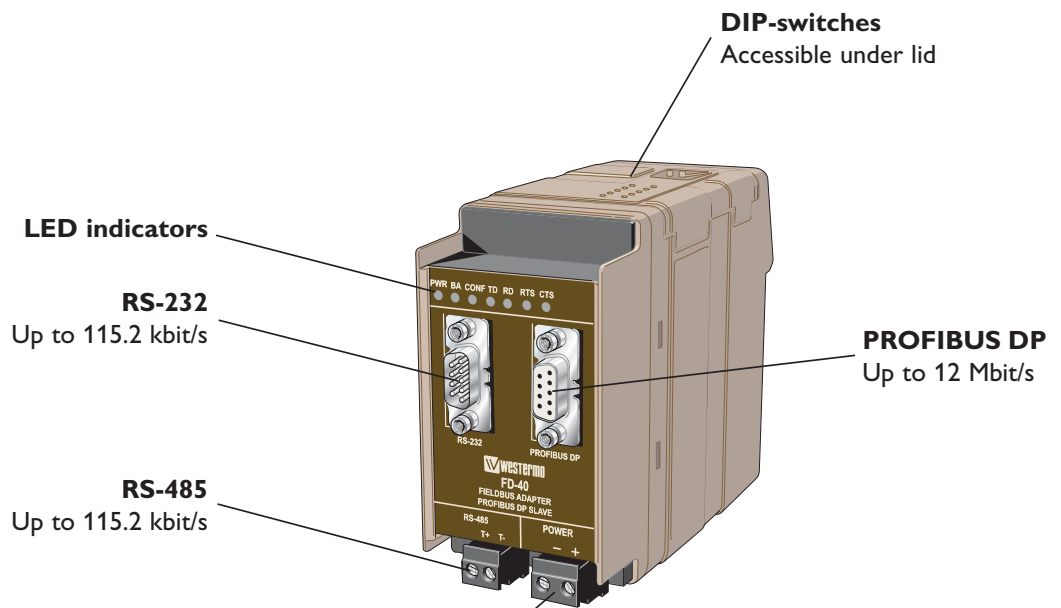
Fieldbus converter FD-40, allows the integration of devices that only have serial RS-232 or RS-485 interfaces with PROFIBUS DP. FD-40 acts as a PROFIBUS DP-slave module and uses PROFIBUS DP I/O-data to create a transparent connection to the serial interface. FD-40 can be used to integrate a great many different types of equipment, for example, measurement instruments, electronic scales, operator terminals, printers, identification systems, barcode readers and other automation equipment with an RS-232 or RS-485 interface into PROFIBUS DP-applications. FD-40 can easily be configured with FD-Tool, a Windows based software package that can be run on a personal computer.

Application



Also see application on page 41

Interface



Power

	FD-40
Operating voltage	9.6-57.6 VDC
Rated current	250 mA @ 12VDC, 120 mA @ 24VDC, 60 mA @ 48VDC
Rated frequency	DC
Connection	Detachable 2-pos. screw terminal