



LD-64 PROFIBUS-DP

Fieldbus unit



- Developed for PROFIBUS
- Autobauding
- Redundant ring, reconfigured in 4 ms in the event of cable failure
- Galvanic isolation
- Alarm outputs
- ST-connectors
- SC-connectors (820 nm)
- Multimode or singlemode cable
- Retiming function for extended number of devices
- Transmission distance up to 25 km (15.53 mi)
- AC-/DC-supply
- Reliable performance and function
- Withstands environments exposed to high levels of interference

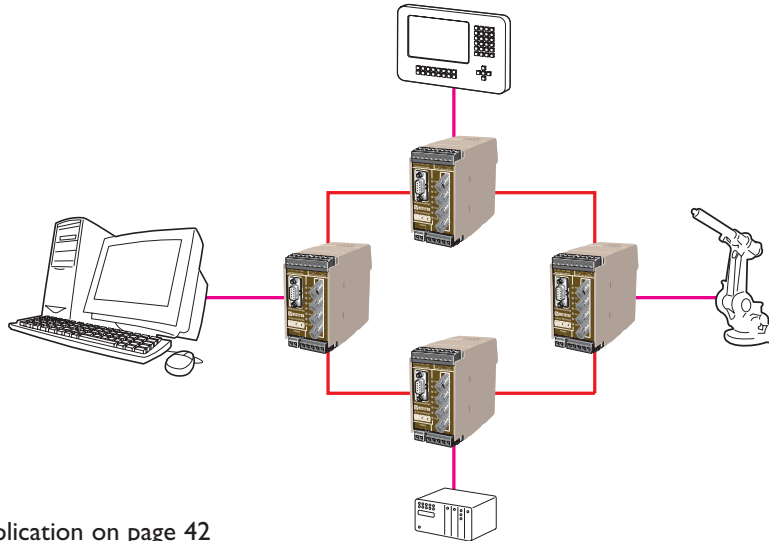
Field of application

The Westermo PROFIBUS range consists of numerous products. LD-64 PROFIBUS is used to build up a redundant ring network. The 9-pos. D-sub is designed to the PROFIBUS standard, which means a direct connection from a standard PROFIBUS cable is possible. As the fibre is completely insensitive to external interference it is the perfect solution for applications in environments exposed to high levels of interference, or when reliable communications are required. The device supports data rates of up to 1.5 Mbit/s and transmission ranges up to 25 km (15.53 mi) using singlemode cable.

LD-64 PROFIBUS is intended for mounting on a 1.4 in. DIN-rail, where the modem is attached and locked in a single action.

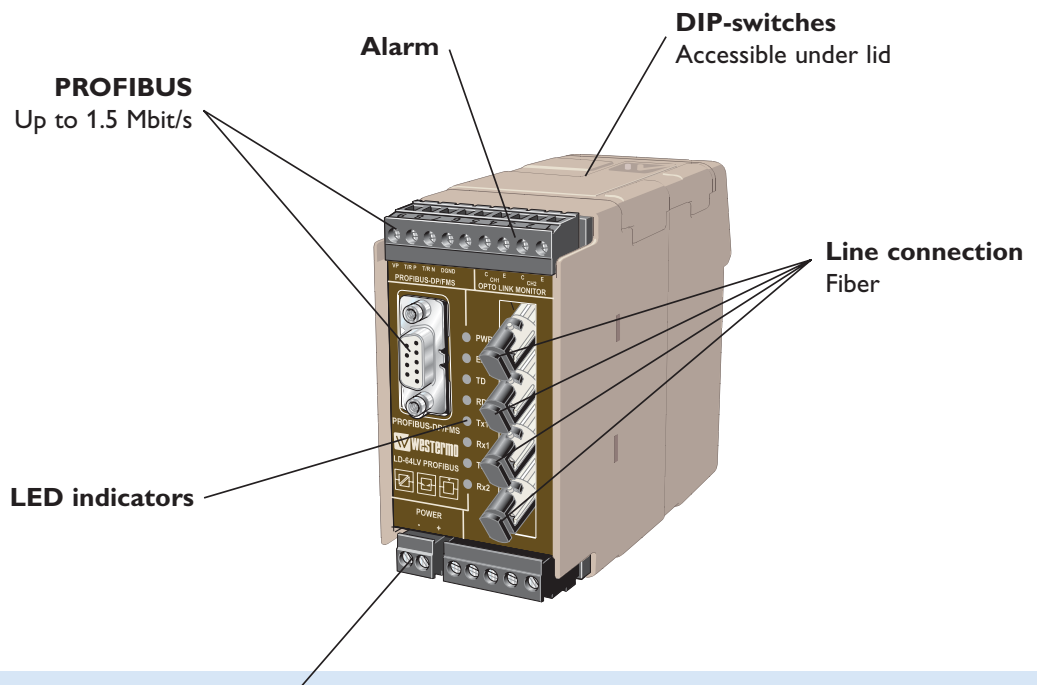


Application



Also see application on page 42

Interface



Power

	LD-64P HV	LD-64P LV
Operating voltage	99 – 264 VDC 85.5 – 264 VAC	10.8 – 60.5 VDC 10.8 – 49.5 VAC
Rated current	30 mA @ 95 VAC	250 mA @ 12 VDC
Rated frequency	DC / 48 – 62 Hz	DC / 48 – 62 Hz
Connection	Detachable 3-pos. screw terminal	Detachable 2-pos. screw terminal