ODW-632 RS-485

Fibre Optic Link, redundant ring alternatively multidrop applications
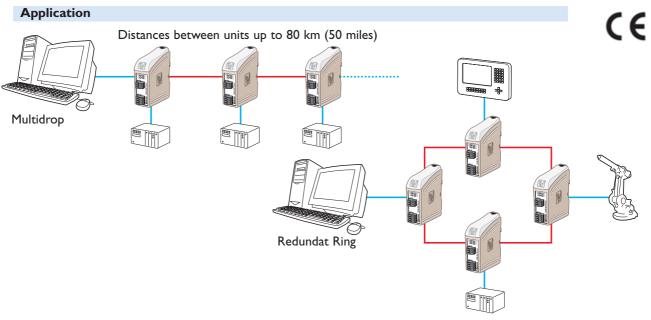
- Automatic data rate detection and retiming
- Data rate up to 1.5 Mbit/s
- 4-position screw connector
- Redundant power supply
- LC-fibre connectors, single or multi mode
- Fibre distance up to 80 km (50 miles)
- Status interface for error indication
- LED error indication (Red)
- Design for harsh environments
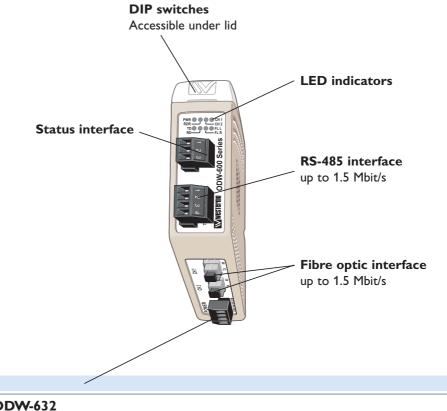- 12–48 VDC

Field of application

The ODW-632 is a fibre optic modem for redundant ring alternatively multidrop applications that converts between electrical RS-485 and fibre optical link. The maximum distance of the fibre link depends on selected transceiver and fibre type. Fibre distance up to 80 km (50 miles). ODW-632 is designed for harsh out-door usage, in industrial, road or railway installations.

The data rate is set automatically as soon as ODW-632 has identified a correct data frame. Retiming ensures the correct data signal format.

Application

Distances between units up to 80 km (50 miles)

Multidrop

Redundat Ring

Interfaces

DIP switches
Accessible under lid

Status interface

LED indicators

RS-485 interface
up to 1.5 Mbit/s

Fibre optic interface
up to 1.5 Mbit/s

Power

	ODW-632
Operating voltage	10 – 60 VDC
Rated current	400 mA @ 12 VDC
Rated frequency	DC
Connection	Detachable screw terminal

Data sheet available on www.westermo.com