



**HIRSCHMANN**

A **BELDEN** BRAND

# OZD GENIUS G12 AND OZD MODBUS PLUS G12 FIBER OPTIC REPEATERS



Extend the reach and reliability of **Genius Bus and Modbus Plus networks**



Ensure **network availability and performance** even in harsh environments



Protect **network availability** during fiber breaks with seamless redundancy measures



Lower the cost of expanding **connectivity** in decentralized operations

## Key Features

- Works with any fiber optic cable to support the growing reliance on fiber optic cables as the material of choice for network connectivity in highly automated applications
- Withstands harsh industrial environments with high tolerances for corrosive gases, dust, vibration and electromagnetic interference (EMI)
- Extends the reach of fiber-based network segments up to 22,000 m
- Reliably handles high-volume data transmission rates up to 1 Mbit/s



**OZD Genius G12**

Order No. 942 148-012

**OZD Genius G12-1300**

Order No. 942 148-013

**OZD Modbus Plus G12**

Order No. 942 148-010

**OZD Modbus Plus G12-1300**

Order No. 942 148-011

**Be certain.  
Belden.**



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## OZD GENIUS G12 AND OZD MODBUS PLUS G12 FIBER OPTIC REPEATERS



### Customer Benefits

#### Flexible Use

Increase the value of Genius Bus and Modbus Plus networks by expanding the range of data transmission with fiber optic cable. All fiber types are supported.

#### Reliable, High-Performance

Protect network availability during fiber breaks with seamless and ultrafast redundancy measures.

#### Ruggedized Design

Lower the risk of damage and downtime in harsh industrial environments, including electromagnetic interference (EMI) and corrosive gases.

#### Applications

The OZD Genius G12 and OZD Modbus Plus G12 Fiber Optic Repeaters are ideal for mission-critical industrial and transportation environments where network reliability is paramount. Built-in redundancy mechanisms and ruggedized design extend the value and reach of fiber-optic-based networks in highly automated and decentralized operations.

#### Markets

- Transportation and traffic control systems
- Water and wastewater treatment plants
- Power generation environments
- Manufacturing (including food and beverage)
- Machine building



Reliable, ruggedized and able to connect to any type of fiber optic cable, the **OZD Genius G12 and OZD Modbus Plus G12 Fiber Optic Repeaters** are ideal for use in decentralized operations with high automation or in extended plants.