



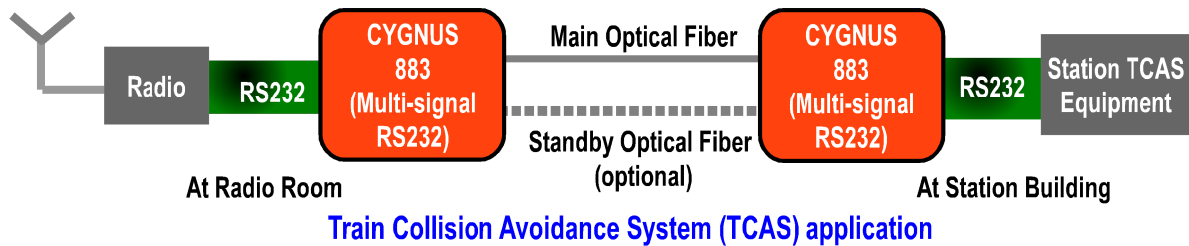
CYGNUS 883

Multisignal RS232 Port Extender

FEATURES

- ◆ CYGNUS 883 allows asynchronous RS232 port to be extended across fiber
- ◆ CYGNUS 883 multi-signal RS232 port allows up to 8 full duplex pairs of signals to be transported on fiber
- ◆ CYGNUS 883 can be supplied with up to two fiber interfaces: Main and Backup. The Backup Link acts as a hot standby for the Main Link, and takes over on failure of the Main Link.
- ◆ Driving range is up to 15 km on Single Mode Fiber, and 2 km on Multi-mode Fiber
- ◆ It can also be ordered with 230VAC, 24 VDC or 48 VDC power supply
- ◆ 1500 V AC/DC isolation is provided between external power supply and RS232 port

A TYPICAL APPLICATION



SPECIFICATIONS

FIBER OPTIC INTERFACE

Fiber type: Single Mode / Multi Mode (ordering option)
 No. of channels: One or Two (ordering option)
 Fiber type and Range: Up to 15 km on single mode fiber; 2 km on multimode fiber (ordering option)
 Connector (per Fiber channel): Duplex SC (dual fiber) / Bi-directional SC (single fiber) – (ordering option)

USER PORTS

No. of ports: One
 Port speed: Up to 230400 bps asynchronous
 Data handling: Full-duplex (both ways at a time)
 Interface: RS232 having Up to 8 signal pairs
 Connector: DB25 (female)

INDICATORS

Power, Fiber Link status, Test Status, DTR, DCD, TX/RX

GENERAL

Size: 226mm (w) x 164mm (d) x 44mm (h)
 Voltage input: 230 VAC/48 VDC/24 VDC (ordering option)
 Power : 5 W max.
 Component grade: Commercial/Industrial (ordering option)
 Operating temp: 0- 50° C (commercial grade components)
 Humidity: 0-85% RH, non condensing

ORDERING CODE: CYGNUS 883/A/B/C/D

A: "1F" for one Fiber Port; "2F" for two Fiber Ports
 B: "DPLX" for Duplex Fiber Port; "BIDI" for Bi directional Port
 C: "230V" for 230 VAC; "48V" for 48V DC; "24V" for 24V DC i/p
 D: "COM" for commercial; "IND" for industrial grade components

Specifications and Features are subject to change without notice Ref: 221126



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