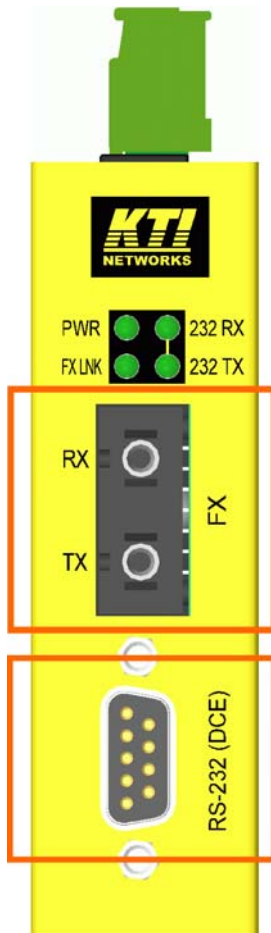# KSC-200

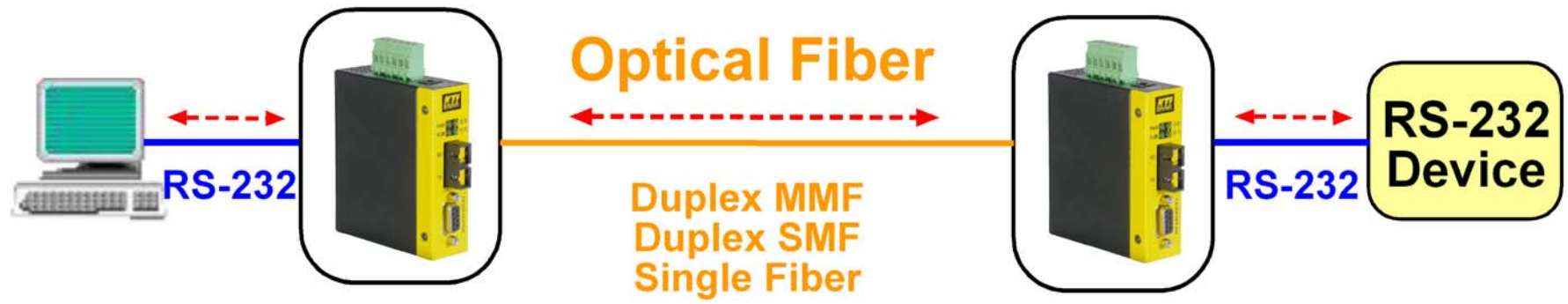## *Industrial Serial RS-232 to Fiber Converter*

Conversion Interfaces

Fiber Interface

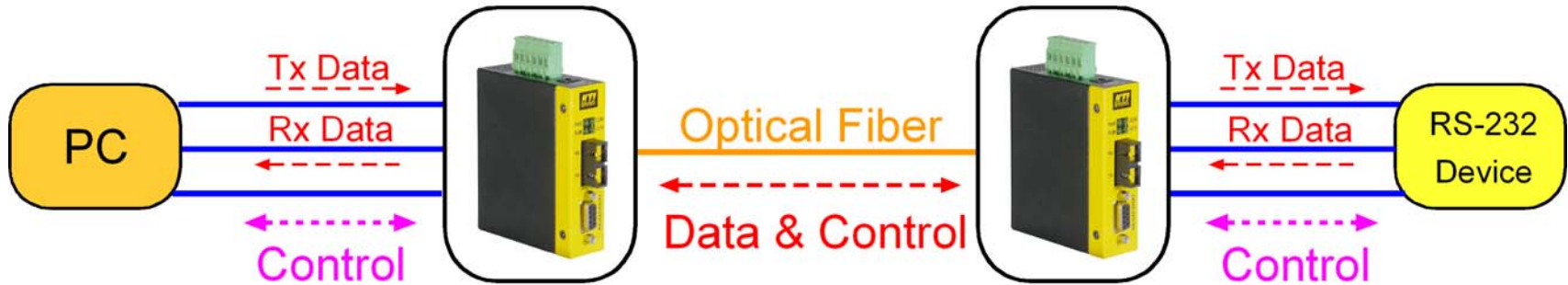- Duplex ST, Duplex SC, BiDi SC
- 100 Mbps

RS232 Interface

- DB9 female
- Up to 115 Kbps
- 15 meters for distance

Application: RS-232 Extension over Fiber

Advantage 1: Full RS-232 Conversion

Fully compatible to all RS-232 applications with KTI's KSC-200 solution

Advantage 2: Protection & Isolation

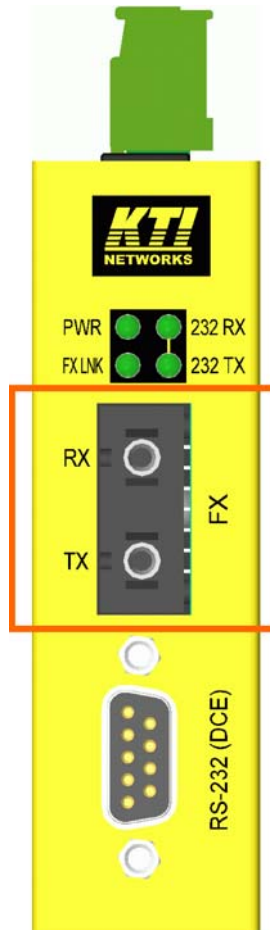<u>Surge Protection</u>

Transient over-voltage outside +/- 28V

<u>Line ESD Protection</u>

+/- 15 KV

<u>Optical Isolation</u>

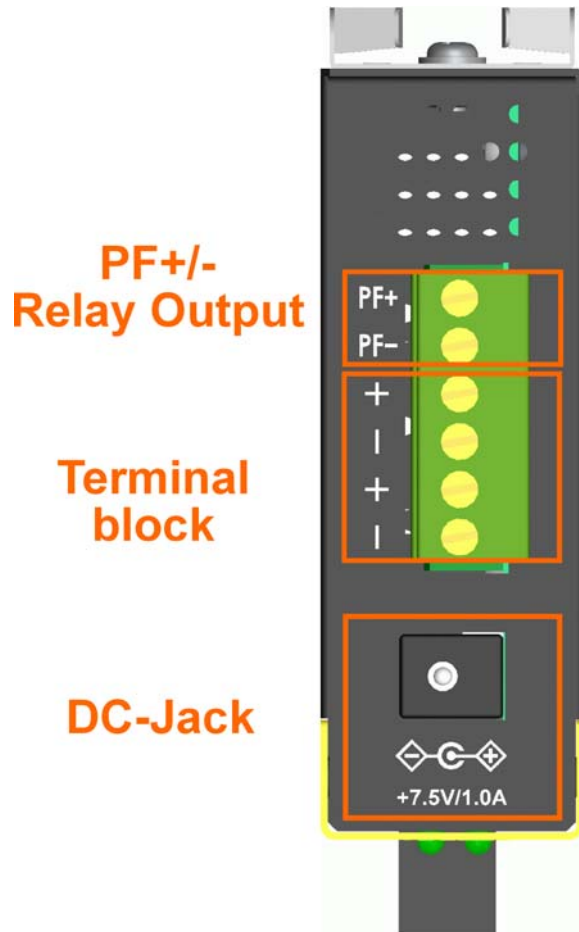Isolation between RS-232 and main circuit
3000VDC max.

Advantage 3: Variety of Fiber Support

Optical Fiber

- Duplex MMF up to 2 km
- Duplex SMF up to 20 km
- Single Fiber up to 20 km

Benefit 1: Power Interfaces

PF+/-
Relay Output

Terminal
block

DC-Jack

PF+
PF−

+
I
+
I

+7.5V/1.0A

Terminal block

Support industrial power system

Power Failure Relay Output

Support external monitoring system

DC-Jack

Support AC-DC adapter type power

Benefit 2: Industrial Mounting Support

Din-Rail Mounting

Panel Mounting