

Serial Port Plug - F2M01SXA

Brief Datasheet

Features

- Provides transparent RS-232 serial cable replacement.
- No need for external drivers.
- Power is supplied via the D-SUB or mini-USB connector.
- Supports the Bluetooth® Serial Port Profile and Generic Access Profile.
- Interoperability with PDA, laptops etc.
- Range up to 500 m (line of sight).
- Configurable serial settings.
- Easy to use Windows™ interface available.
- Small size 37x18x60 (WxHxL) mm.
- High supply voltage range 5-30V DC.
- Simple pairing with onboard button.
- Led indications for power, data and status monitoring.
- Additional RS-232 lines for enhanced signaling.



CAD-drawing of the F2M01SXA

Applications

The F2M01SXA Serial Port Plug can be connected to applications that currently use cables for serial communication. The F2M01SXA is also ideal if you are looking for a reliable and robust wireless link between any RS-232 enabled devices. The Ad Hoc connectivity will connect the serial link as soon as the communicating devices are within range of each other.

Examples of possible applications are:

- Embedded systems
- Stand alone sensors
- Computer peripherals
- Domestic and industrial appliances

General Description

The F2M01SXA offer a way to replace the serial cable by a wireless link, based on Bluetooth® technology.

With its small size, long range, high voltage range and reliable data transmission makes it the obvious choice for the most demanding wireless applications.

F2M01SXA requires no external drivers and use a button for simple pairing to other Bluetooth® devices. The two leds are used to monitor the current status of the device and if any data transmission are present. The device uses a fault detection system indication if an invalid RS232 device is attached to the F2M01SXA. A user-friendly Windows application is available for configuration to suit your requirements.

The F2M01SXA can be used together with other Bluetooth® units supporting the Bluetooth® Serial Port Profile (SPP) e.g. Laptops, PDA and mobile phones.



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