

# TTL-232-5P

## RS-232 to 5V TTL Converter(DB9)

### Features

1. Port Powered: no external power is necessary
2. Data Direction, auto-turnaround, no flow control is necessary
3. Plug-and-Play (Device is hot-pluggable)
4. Built-in surge protection, static protection and circuit protection



### Introduction

The 3onedata TTL-232-5P is a bi-directional port powered RS-232 to 5V TTL converter in a 9 pin format. It can convert any standard full duplex RS-232C port to a 5V TTL signal and vice versa. The unit is powered from the RS-232 data lines. It also supports data direction auto-turnaround. Therefore, no external power or flow control is required. The data direction auto-turnaround automatically enables

the TTL driver when data is present on the RS-232 side making the device plug-and-play, requiring no software drivers. The TTL-232-5P has a DB9 female connector on the RS-232 side and either a DB9 male connector or 5-way terminal block on the TTL side. Separate terminal block is included in package.

### Specification

Standards: EIA RS-232C standard

RS-232 signal: TX, RX, GND

TTL signal: IN, OUT, GND

Baud rate: 300~115200bps

Transfer distance: 5V TTL side:3m

RS-232 side: no less than 5m

Connectors: RS-232 Side: DB9 Female and

5V TTL Side: DB9 Male or 5 Way Terminal Block

Port protect: 600W surge protection, 15KV ESD protection

#### Power

Power: Port powered from RS-232 data lines

Current consumption: Less than 10mA

#### Environment

Operating temperature: -10°C to 60°C

Storage temperature: -40°C to 85°C

Humidity: 5% to 95%(no condensation)

#### Appearance

Dimensions: 62.8mm×33.8mm×17.8mm

80.3mm×33.4mm×18.6mm (with terminal block)

Material: Iron(shell)

Color: White

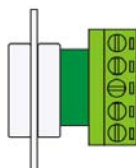
Weight: 24g (with terminal block: 36g)

Warranty: 5 years

Approvals: FCC, CE, RoHS approvals

### Packing List

1. TTL-232-5P×1
2. Separate terminal block(DB9F to 5 bit) ×1
3. User manual ×1



HOST/PC/DTE

