

ZNR-140

4ch NMEA Buffer/Converter

■ Introduction

ZNR-140 4ch NMEA Buffer/Converter is a high reliable serial data buffer and converter for relaying such NMEA 0183 data received from one signal talker to four RS422/RS232 listeners.



It is able to receive and transmit any type of serial data such RS422, RS232 and 5V TTL signal independently. This buffer provides full DC isolation between input, outputs and input power.

NMEA Buffer is also called as a splitter, a distributor, an expander and an amplifier.

■ Specifications

Standard	<ul style="list-style-type: none">- Compliance with NMEA 0183 (IEC61162-1) Standard- Compliance with EIA RS422 (ITU-X.27/V.11) and EIA RS232
Input Port	<ul style="list-style-type: none">- 1 NMEA Input Port- RS422, RS232, Current Loop and 5V TTL Signal (Accept automatically)- Supports Up to 230,400bps
Output Ports	<ul style="list-style-type: none">- 4 Output Ports- RS422, RS232, 5V TTL (Selectable by jumper of each output independently)
Protection (Circuits)	<ul style="list-style-type: none">- Input Port : Over Voltage Protection (up to 36V)- Output Ports : Over Current, Surge Voltage Protection- Input Power : Reverse Voltage Protection
Indicator (LED)	<ul style="list-style-type: none">- Input Power On : Red- Data In/Out : Green
Input Power	<ul style="list-style-type: none">- 18~32VDC (Approximately 0.1A)- Electric Fuse, No Replacement Required
Temperature (Operation)	<ul style="list-style-type: none">- -15°C~+55°C (-59°F~+131°F)
Dimension/Weight	<ul style="list-style-type: none">- 107 x 75 x 30 mm / 500 g (4.2 x 3 x 1.2 in / 1.1 lb)

■ Remark

- 1) If you need any other specifications, please contact us.
- 2) This specification may be changed without notification.

