



**GT-5232**

Serial interface RS485

2 channels

1200 ~ 115 200 bps

10pt removable terminal block

## Facts

### General description

Article number	100-8035
Warranty	Up to 2 years
Article status	Active
Shock operating	IEC 60068-2-27 (15G)
Vibration resistance	Sine vibration (based on IEC 60068-2-6), 5 ~ 25 Hz: $\pm 1.6\text{mm}$ , 25 ~ 300 Hz: 4G, Sweep rate: 1 octave/min., 20 cycles, Random vibration (based on IEC 60068-2-64), 10 ~ 40 Hz: $0.0125\text{g}^2/\text{Hz}$ , 40 ~ 100 Hz: $0.0125 \rightarrow 0.002\text{g}^2/\text{Hz}$ , 100 ~ 500 Hz: $0.002 \text{g}^2/\text{Hz}$ , 500 ~ 2000 Hz: $0.002 \rightarrow 1.3 \times 10^{-4}\text{g}^2/\text{Hz}$ , Test time: 1hrs for each test
Industrial emissions	EN 61000-6-4/A11: 2011
Industrial immunity	EN 61000-6-2: 2019
Product certifications	Horizontal, Vertical CE, UL, cUL, FCC, RoHS, China RoHS, Reach
Power dissipation	Max. 85 mA @ 5 VDC, 0 mA @ 24 VDC
Isolation	I/O to Logic: Photocoupler isolation, I/O to Field Power: Non-Isolation
Field power	Not used. Field power bypassed to next expansion module.
Weight	60 g
Module size	12x99x70 mm

### Environmental

Mounting	35mm DIN rail
Operating temperature	-20 ~ 60°C
Storage temperature	-40 ~ 85°C
UL temperature	-20 ~ 60°C
Relative humidity	5 ~ 90% non-condensing

## Communication module specification

Bit distortion		N/A
Cable length		1 km twisted pair
Cable type		Shielded Cable Recommended
Connection		10 RTB
Data bit		8bit
Data buffer	IO User data 14 bytes, IO size changed Max. 63 bytes, Control/Status 1 byte, Rx/Tx Length 1 byte	
Flow control		N/A
Low signal voltage		N/A
High signal voltage		N/A
Line impedance		120 $\Omega$
Input image size		16 bytes (*Default)@ max 62 bytes
Output image size		16 bytes (*Default)@ max 62 bytes
Parity bit		None, Odd, Even(*Default: None)
RXD buffer		1024bytes
Stop bit		1bit, 2bit (*Default: 1bit)
Transfer rate		1200bps~115200bps
TXD buffer		1024bytes

### People & Technology. Connected.

We are a people company. Our experienced, skilled and passionate people empower you to meet your challenges through best-in-class, user-friendly solutions. We are a technology company. We help you optimize processes through our software, hardware and services, and through our support. Connecting people and technologies gives you the means to accomplish your goals and ambitions, and gain a competitive edge in today's digitalized world.

Beijer Electronics, Inc.  
850 South 3600 West, Suite C  
Salt Lake City, UT 84104  
USA

[Sales: +1 801-708-6631](tel:+18017086631) [Support: +1 801-708-6690](tel:+18017086690) (tel:[Sales: +1 801-708-6631](tel:+18017086631) [Support: +1 801-708-6690](tel:+18017086690))  
[sales.americas@beijerelectronics.com](mailto:sales.americas@beijerelectronics.com) (<mailto:sales.americas@beijerelectronics.com>)