



GN-922

PROFIBUS DP/V1 adapter

RS485

Up to 63 expansion slices

10pt removable terminal block

Facts

General description

Article number	100-8061
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
	Horizontal, Vertical
Product certifications	CE, UL, cUL, FCC, RoHS, China RoHS, Reach
System power	Nominal supply voltage: 24 VDC, Voltage range: 60°C: 18~32 VDC, 70°C: 18~26.4 VDC, Output current limitation: 1.5 A, Reverse polarity protection
Power dissipation	Max. 100 mA @ 24 VDC
Current for IO module	1.5 A @ 5 VDC
Isolation	System power to internal logic: Non-Isolation , System power I/O driver: Isolation
Field power	Nominal supply voltage: 24 VDC, Voltage range: 60°C: 18~32 VDC, 70°C: 18~26.4 VDC, * Field Power Range is different depending on IO Module series. Refer to IO Module's Specification.
Max current field power contact	DC 10 A max
Weight	165 g
Module size	54x99x70mm

Communication

Redundancy	No
Repeater control signal	RS485
Freeze mode	Yes
Auto baudrate	Yes
Failsafe mode	Yes
Station type	Slave
FMS support	No
IO data size	244 bytes input / 244 bytes output
Max length bus line	9600 bps = 1200 m, 1200 kbps = 100 m
Max network nodes	125 nodes
Baud rate	9.6 ~ 12000kbps
Bus connection	9pin D-sub
Other serial port	RS232 for MODBUS RTU
Serial configuration	Node: 1 (Fixed), Baud Rate: 115200 (Fixed), Data bit: 8 (Fixed), Parity bit: No parity (Fixed), Stop bit: 1 (Fixed)
Indicator	6 LEDs, 1 green / red, module status (MOD), 1 green / red, network status (NET), 1 green / red, PLC Run/Stop status (RUN), 1 green / red, expansion I/O module status (IOS), 1 green, system power status, 1 green, field power Status
Module location	First module left side
Field power detection	~14 VDC

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

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 Support: +1 801-708-6690 (tel:Sales: +1 801-708-6631 Support: +1 801-708-6690)
sales.americas@beijerelectronics.com (mailto:sales.americas@beijerelectronics.com)