3500/92 COMMUNICATION GATEWAY

Product Data Sheet

3500/92-04-01-01

Ethernet RS485 communication gateway

I/O EXECUTION	MEMORY SELECTION	AGENCY SELECTION	TYPICAL CONSUMPTION WITH RS485 I/O
04: Ethernet/RS485 Modbus	**01: low memory**	**01: CSA/NRTL/C**	**5.6 W**

Bently Nevada 3500/92-04-01-01 is a low-memory communication gateway with Ethernet/RS485 Modbus I/O. It exports monitored values, channel statuses and alarm information from a 3500 rack to external data clients. The final 01 selects CSA/NRTL/C approval.

01 TECHNICAL DATA

I/O execution	04: Ethernet/RS485 Modbus
Memory selection	01: low memory
Agency selection	01: CSA/NRTL/C
Typical consumption with RS485 I/O	5.6 W
Ethernet rate	10 Mbps
Ethernet connection	RJ-45 10BASE-T
Serial transmission	Modbus RTU
TCP protocol	Modbus/TCP
Configuration communication	Bently Nevada host protocol
Rack data update	No more than 1 second

02 ADDITIONAL PRODUCT DATA

Register mapping	Configurable Modbus Register Utility
Operating temperature	-30 to +65 degC
Storage temperature	-40 to +85 degC
Relative humidity	95% noncondensing
Rack space	One full-height front and rear position

03 PRODUCT FUNCTION

The gateway provides 10 Mbps 10BASE-T Ethernet through RJ-45 and serial Modbus RTU over the selected RS485 interface. Modbus/TCP and Bently Nevada host communications are supported. A configurable register utility maps the required values, with rack data collection taking no more than one second.

04 SYSTEM COMPATIBILITY

Configure Ethernet addressing, serial Modbus RTU settings and the client register interpretation against the approved plant network record. Typical consumption with the RS485 I/O is 5.6 W; the Ethernet interface is 10BASE-T, not a higher-speed replacement assumption.

05 REFERENCE

Bently Nevada 3500/92 Communication Gateway, 141542 Rev. N.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**