Anybus X-gateway - Modbus-TCP Server Interface
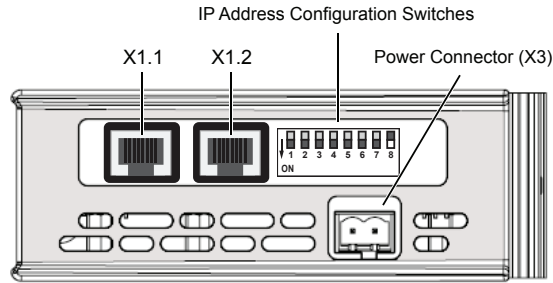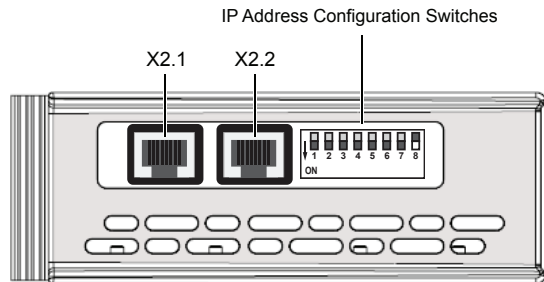
Network Installation Sheet

Product Overview

The Modbus-TCP interface can be either top- or bottom-mounted. Both of these options are illustrated below.
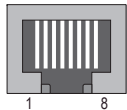
Top-mounted Interface

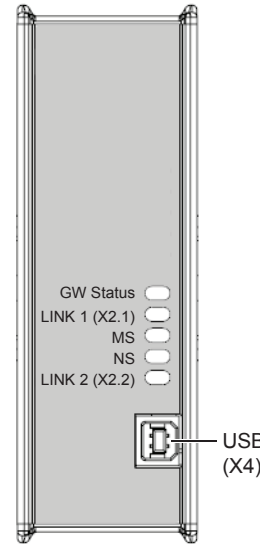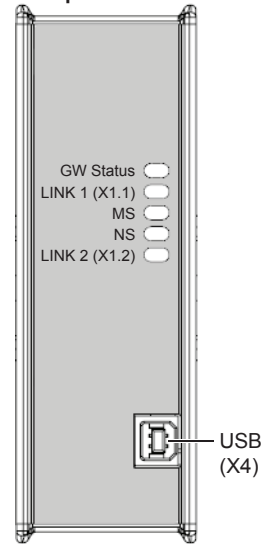### Bottom-mounted Interface

Modbus-TCP Connector

Pin	Signal
1	TD+
2	TD-
3	RD+
4, 5, 7, 8	Termination to PE
6	RD-

LED Indicators

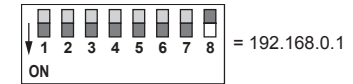| LED	Indication	Meaning
GW Status	See Gateway Installation Sheet	
LINK 1 (X1.1 if top-mounted) (X2.1 if bottom-mounted)	Red (flashing)	10 Mbit/s
	Green (flashing)	100 Mbit/s
	Off	Link not detected
MS	(not used)	
NS	(not used)	
LINK 2 (X1.2 if top-mounted) (X2.2 if bottom-mounted)	Red (flashing)	10 Mbit/s
	Green (flashing)	100 Mbit/s
	Off	Link not detected

Top-mounted

Bottom-mounted

IP Address Configuration Switches

Sets the binary value of the last byte of the IP address within subnet 192.168.0.1–254 (netmask 255.255.255.0). To use a different subnet, set all switches to OFF and configure via the Anybus IPconfig tool.

Switch position								IP address (example)
1	2	3	4	5	6	7	8	
OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	Set by software
OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	192.168.0.1
OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	192.168.0.2
ON	ON	ON	ON	ON	ON	ON	OFF	192.168.0.254
ON	ON	ON	ON	ON	ON	ON	ON	(Not valid)

= 192.168.0.1

Accessories Checklist

The following items are required for installation:
- Modbus-TCP configuration tool (optional, not included)
- USB cable (included)
- LAN cable (not included)

Installation and Startup Summary

(Depending on your setup, some steps may not be required.)
1. Connect the gateway to the network
2. Set a valid IP address for the interface (contact your network administrator for information)
3. Connect a PC to the gateway via USB
4. Power up and configure the gateway

Technical Support

Technical support, documentation and software downloads are available at www.anybus.com.