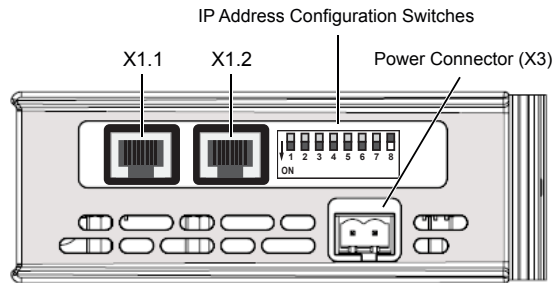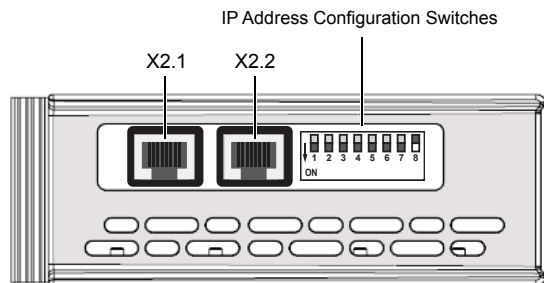## Product Overview

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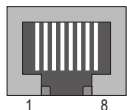
Top-mounted Interface

Bottom-mounted Interface
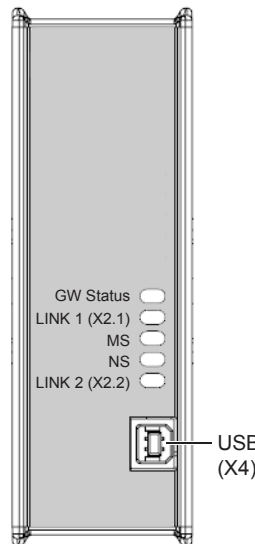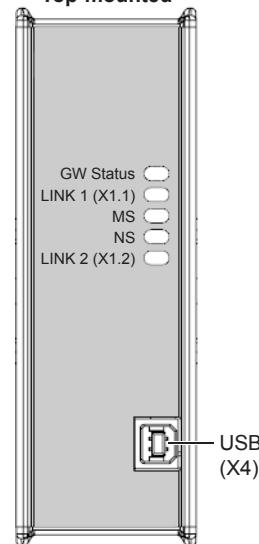

EtherNet/IP (LAN) Connector

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 (EtherNet/IP only)	Green	Normal operation
	Green (flashing)	Standby, not yet configured
	Red	Major fault, unrecoverable
	Red (flashing)	Minor fault, recoverable
	Red/green (alternating)	Hardware self test
	Off	No power
NS (EtherNet/IP only)	Green	EtherNet/IP connection(s) OK
	Green (flashing)	No EtherNet/IP connections
	Red	Duplicate IP address
	Red (flashing)	Connection timeout
	Red/green (alternating)	Hardware self test
	Off	No power or no IP address set
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 with Anybus IPconfig.

128	64	32	16	8	4	2	1	Binary value
OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	IP address set with IPconfig
OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	192.168.0.1
OFF	OFF	OFF	OFF	OFF	OFF	ON	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)
1	2	3	4	5	6	7	8	Switch number

= 192.168.0.1

Accessories Checklist

The following items are required for installation:

- EtherNet/IP configuration tool (optional, not included)
- USB cable (included)
- EDS file for EtherNet/IP (see www.anybus.com)
- 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 EtherNet/IP interface (contact your network administrator for information)
3. Connect a PC to the gateway via USB
4. Power up and configure the gateway
5. Install the EDS file in the EtherNet/IP configuration tool

Technical Support

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

Technical questions regarding the EtherNet/IP fieldbus system should be addressed to **ODVA** at www.odva.org.

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