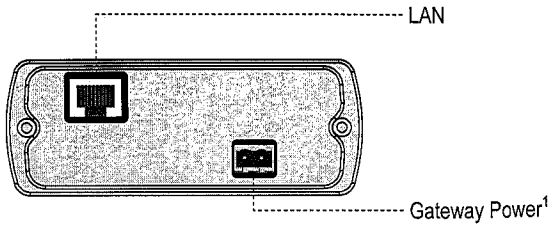
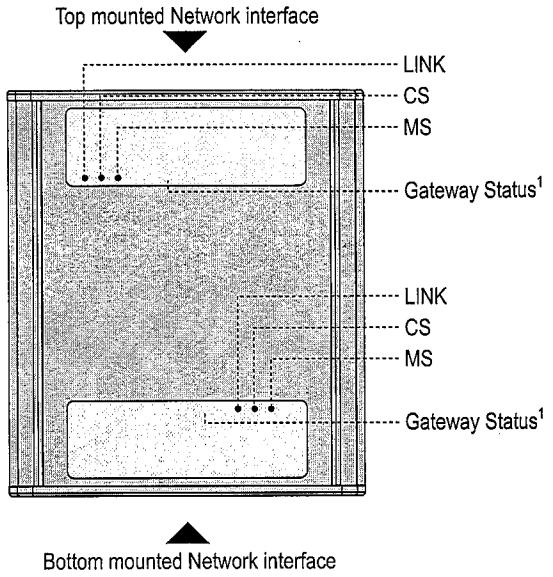
Product Overview

The Profinet Slave interface can be either top or bottom mounted. Both options are illustrated below.

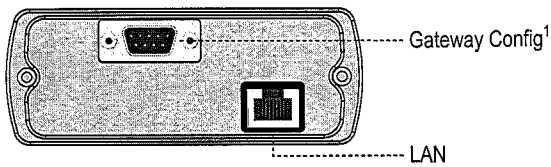
- **Top Mounted Interface**



- **Front View**

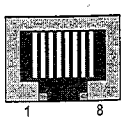


- **Bottom Mounted Interface**



LAN Connector Pinout

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



Profinet Status LED's

LED	State	Indication
LINK	Green	Link OK
	Green, flickering	Receiving/Transmitting data
	Off	Link not OK or power off
CS	Green	Online, connection established, IO Controller in RUN state
	Green, flashing	Online, connection established, IO Controller in STOP state
	Off	No connection with IO Controller
MS	Green	Module initialized, no errors
	Green, 1 flash	Diagnostic data available
	Green, 2 flashes	Blink. Used by an engineering tool to identify the slave interface
	Red, 1 flash	I/O Configuration error
	Red, 3 flashes	Error - Station Name or IP not set
	Red, 4 flashes	Internal error
	Off	No power

Accessories Checklist

The following items are required for installation:

- Null modem cable (Included)
- GSDML-file
  (Available on the HMS website, 'www.anybus.com')
- Suitable LAN cable

Installation and Startup Summary

1. Connect the gateway to the Ethernet network
2. Select an IP address for the Ethernet interface (Contact your network administrator for more information)
3. If required, connect a PC to the gateway via null modem cable
4. Power up and (if required) configure the gateway
5. If required, install the .GSDML file in the Profinet configuration tool

Support

Manuals, configuration software, GSDML-files etc, are available for download at the HMS website:

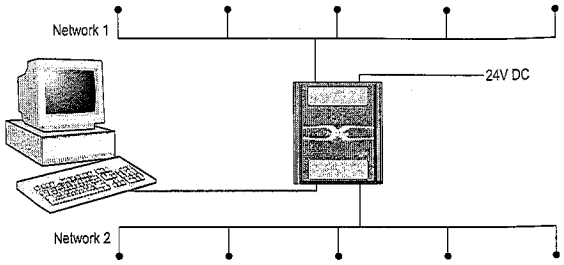
'www.anybus.com'

1. See Gateway Installation Sheet for further information

Gateway Installation Sheet — AnyBus-X Generic Gateway

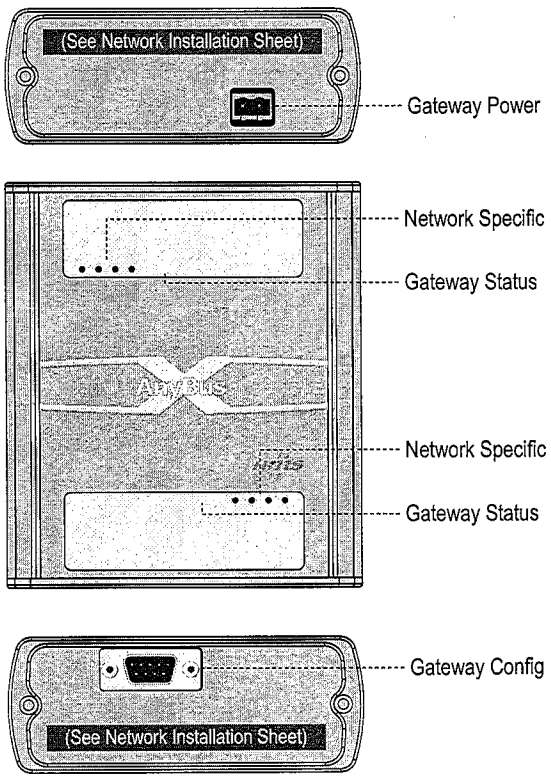
Concept

The AnyBus-X Generic Gateway acts as a translation device between two different fieldbus networks.



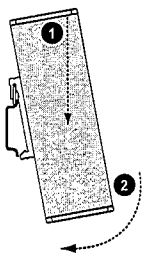
Internally, the gateway consists of two separate network interfaces (See Network Installation Sheets) and a translation device between the two.

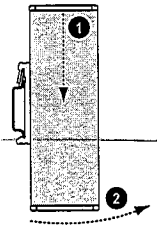
Product Overview



DIN Rail Installation

To fasten the gateway onto the din rail, align it with the din rail connector according to this figure, press firmly on top and push the lower end into position.





To remove the gateway, press firmly on top and pull the lower end away from the din-rail.

Gateway Status LED's

These LED's indicate the current status of each network interface.

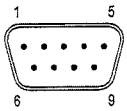
State	Indication
Green	Communication running
Red	Communication fault
Red, flashing	Network interface fault

Power Connector Connector Pinout

Pin	Signal
+	24V DC ±10%
-	Ground

Gateway Config Connector Pinout

Pin	Signal
1, 4, 6, 7, 8, 9	(Not connected)
2	RS232 Receive
3	RS232 Transmit
5	Ground
Housing	Protective Earth



Installation and Operating Instructions

1. Power, input and output (I/O) wiring must be in accordance with Class 1, Division 2 wiring methods – article 501-4 (b) of the National Electric code, NFPA 70 and in accordance with local codes.
2. **Warning – Explosion Hazard**
   Substitution of components may impair suitability for class 1, Division 2.
3. **Warning – Explosion Hazard**
   When in hazardous locations turn off power before replacing or wiring modules.
4. **Warning – Explosion Hazard**
   Do not disconnect equipment unless power has been switched off or the area is known to be non hazardous.
5. Terminal tightening torque must be between 5 – 7 lbs-in (0,5-0,8 Nm).
6. For use in Class 2 circuits only.
7. Suitable for Surrounding temperature of 65°C max.
8. Use 60/75 C copper wire only.

Manuals & Technical Support

	☎	✉
Germany:	+49-721-96472-0	ge-support@hms-networks.com
Japan:	+81-45-478-5340	jp-support@hms-networks.com
Sweden:	+46 (0) 35 - 17 29 20	support@hms-networks.com
U.S.A:	+1-773-404-2271	us-support@hms-networks.com

For full documentation, application notes etc, visit the HMS website: *'www.anybus.com'*