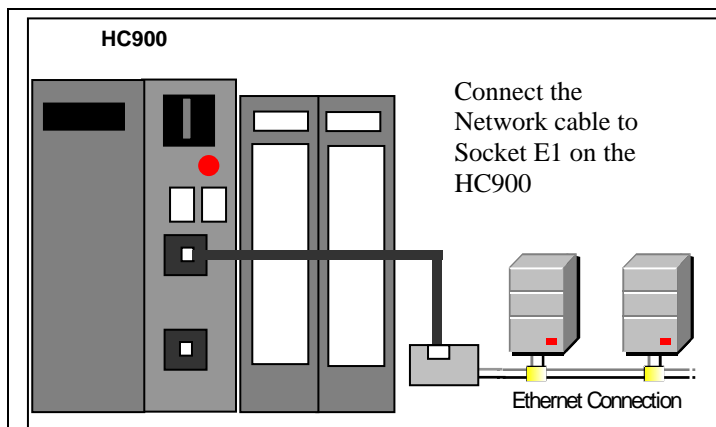


# X- Series Recorders – Quick Start Installation Guide

## Modbus Connection from HC900 Controller, Protocol Ethernet



### Slave Configuration

1. Set the HC900 Ethernet TC/IP and ID settings using the Honeywell HC Designer software package.
2. Connect the HC900 to the X-Series Recorder through a 100 / 10 base T network, see diagram.

### Master Configuration

3. Enter Recorder Setup menu and select the following buttons, Comms>Services> MODBUS> Master> from this menu, Enable master and select the first available Slave 1-32.
4. From the slave menu, Enable the slave and copy the Slave settings from the table opposite and populate the relevant fields.
5. Select the Transaction 1 field, Enable this field and copy the Transaction 1 settings, from the table opposite into the relevant fields, Note this will send back analogue 1 readings only, refer to HC900 Modbus register map for other outputs.
6. To display analogue 1 readings from the HC900 on the X-Series recorder, enter the SCV[\* ,1,1] statement, into the Edit Maths field on a spare Pen. Note the \* will be a number between 1-32 depending which Slave was enabled.

### X-Series Recorder Modbus Settings

#### Slave Device

Enable	✓
Friendly Name	<b>HC900 or unique device name</b>
ID	<b>ID number from the HC900</b>
Port	<b>Ethernet</b>
Network Name	<b>TC/IP Address (same as HC900)</b>
Protocol	<b>Modbus – X (FPB)</b>
Transaction 1	<b>In 8193 1</b>

#### Transaction 1

Enable	✓
Direction	<b>In</b>
Command	<b>Holding Register 3</b>
Data Type	<b>IEEE Float</b>
Dec. Start Addr	<b>8193</b>
Number of Items	<b>1</b>

