

HART - GATEWAY - HMT - 112

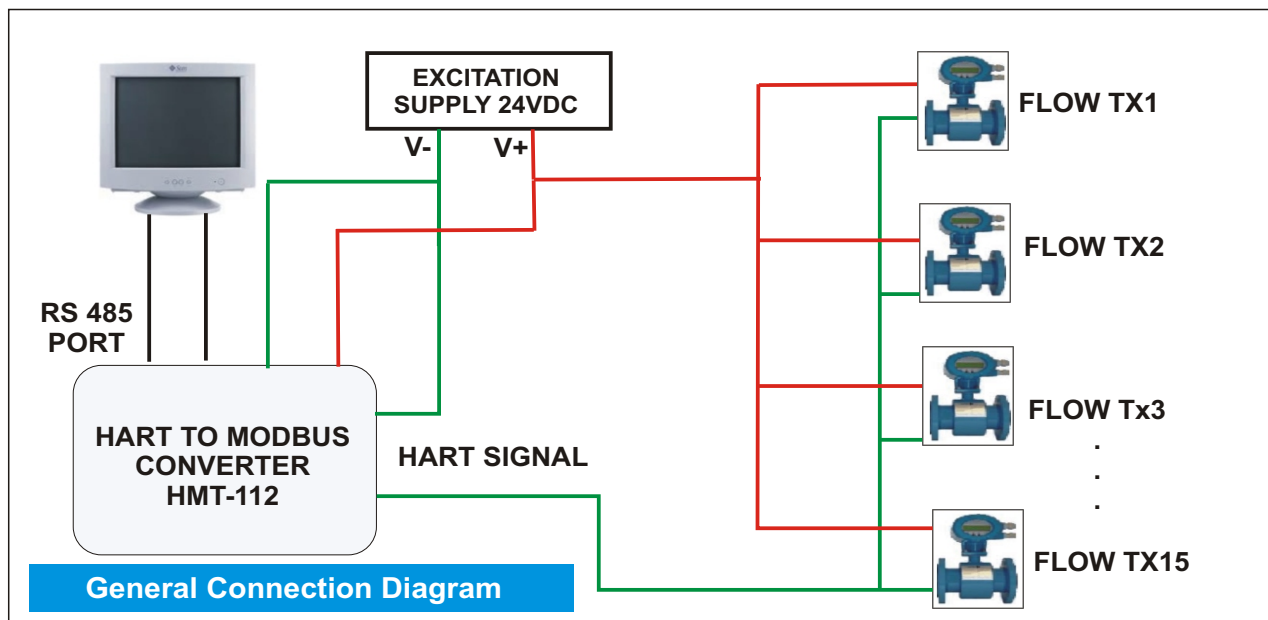


Features

- Ruggedised, State-of-the-art Micro-controller based system
- Accepts HART Inputs from maximum 15 slave units.
- No configuration required for MODBUS variable locations.
- User selectable baud rate for MODBUS Master on DIP switch.
- LED Indications for master and slave operations for easy diagnosis.
- Ideal for SCADA applications
- Provided isolated HART port.

Application

New HMT-112 is designed to accept HART signals from field instruments in multi drop mode and convert standard variables into fixed MODBUS address registers. This is useful to accept / read exact values available for Flow, Pressure, Temperature transmitters in digital form in the control room eliminating errors in Analog input acquisition and process systems.



General Connection Diagram



® Manufactured by:

SCAN ELECTRONIC SYSTEMS
(An ISO9001-2015 Company)

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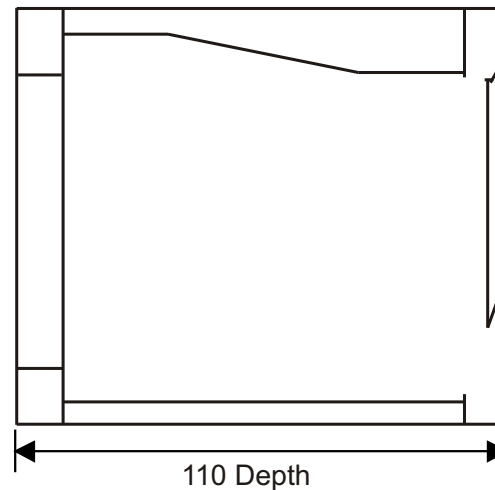
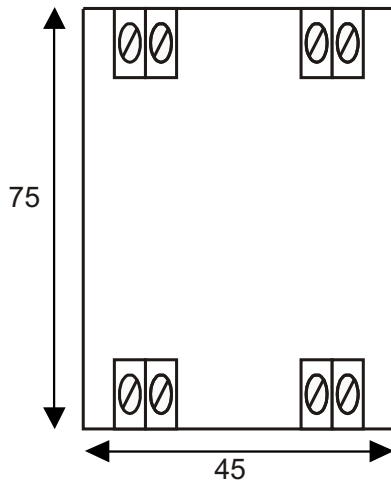
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TECHNICAL SPECIFICATIONS

MOUNTING	DIN rail mount ,ABS molded box. 75 x 45 x 110 mm (H x W x D).
SUPPLY	24 VDC \pm 10%
TERMINATIONS	Supply, RS 485 and HART INPUT connections on screw type.
COMMUNICATION	Rs485 for Master side. HART on slave side.
COMMUNICATION SETTINGS	8 way DIP switch for baud rates from 9600,19200,38400, 57600 & station ID from 1 to 64 for MODBUS side.
NO OF SLAVES	15 HART slave units.
LED INDICATIONS	OK,(system OK indication) Tx, Rx LED indications for master side (MODBUS RTU). Tx, Rx, CD LED indications for slave side (HART).
MODBUS RTU	On MODBUS RTU (Master) HMT-112 gives Floating point value of Current, Primary, Secondary, Third & forth Variables. Engineering units for 4 variables & Device information like device ID,MFR'S code,hardware, software version etc. for HART slave units.(maximum 15). HART slave status indication in MODBUS registers.

DIMENSIONS

All Dimensions are in mm.



Note : Due to continuous development specifications may change without prior notice


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