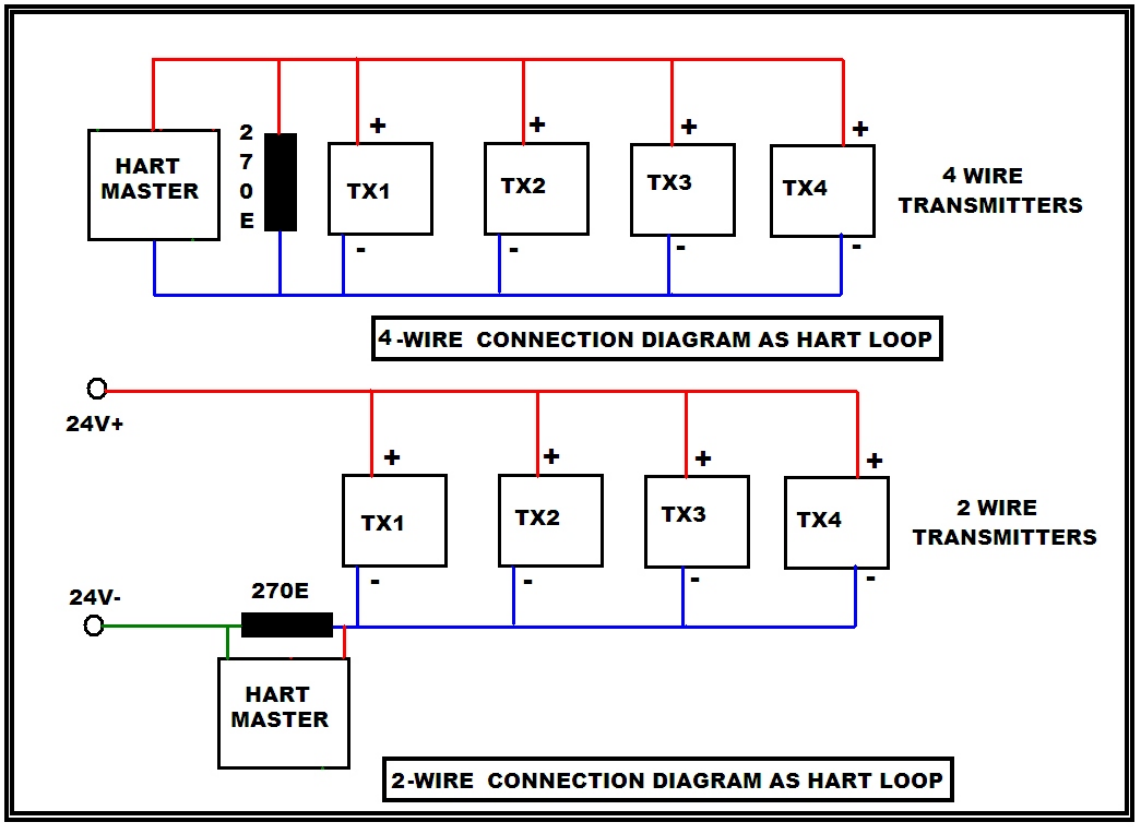
HART INDICATOR

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.
- Isolated HART and RS485 port

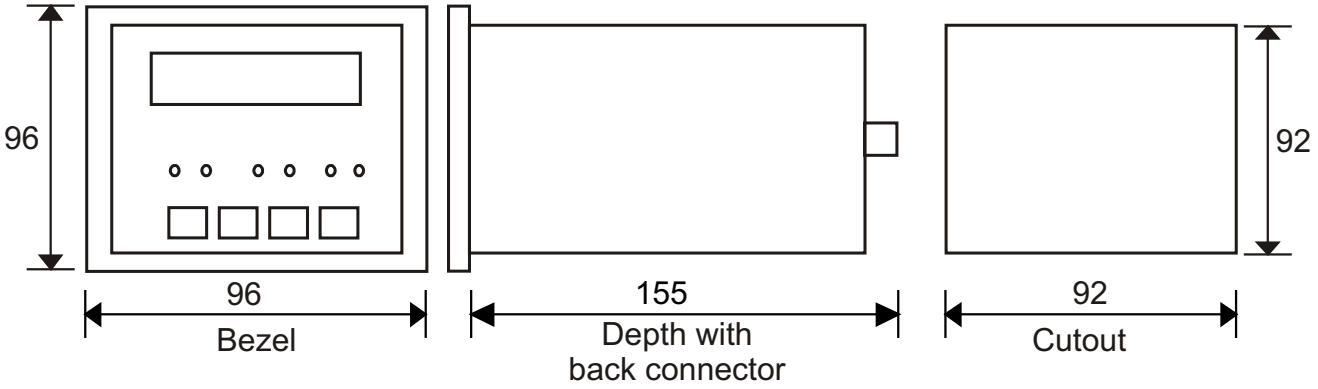
New HMI is designed to accept HART signals from field instruments in multi drop mode and convert standard variables into fixed MODBUS address registers. This is useful to accept / read exact values available for Flow, Pressure, Temperature transmitters in digital form in the control room eliminating errors in Analog input acquisition and process systems. User friendly messages to understand status of the instrument and actual values of HART slaves connected on the loop. The engineering units are acquired from the HART slaves hence reduced efforts for programming.



HART INDICATOR

Dimensional Drawing

All Dimensions are in mm.



TECHNICAL SPECIFICATIONS

MOUNTING	PANEL mount ,ABS molded white box. 96 x 96 x 150 mm (H x W x D).
SUPPLY	230 VAC / 110 VAC ± 10%, 1ph, 50 Hz.
TERMINATIONS	Supply, RS 485 and HART INPUT connections on screw type on backside of the instrument
COMMUNICATION	Isolated RS485 for Master side. Isolated HART on slave side.
KEYBOARD & DISPLAY	16X2 Character LCD and 4 keys tactile keyboard for programming Auto Scrolling/300-57600 baud/max hart devices/poll time
NO OF SLAVES	15 HART slave units.
LED INDICATIONS	Tx, Rx LED indications for master side (MODBUS RTU). Tx, Rx, CD LED indications for slave side (HART) Four Variables with Engg Unit, Stn ID display on LCD
MODBUS RTU	On MODBUS RTU (master) the translator 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.

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

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