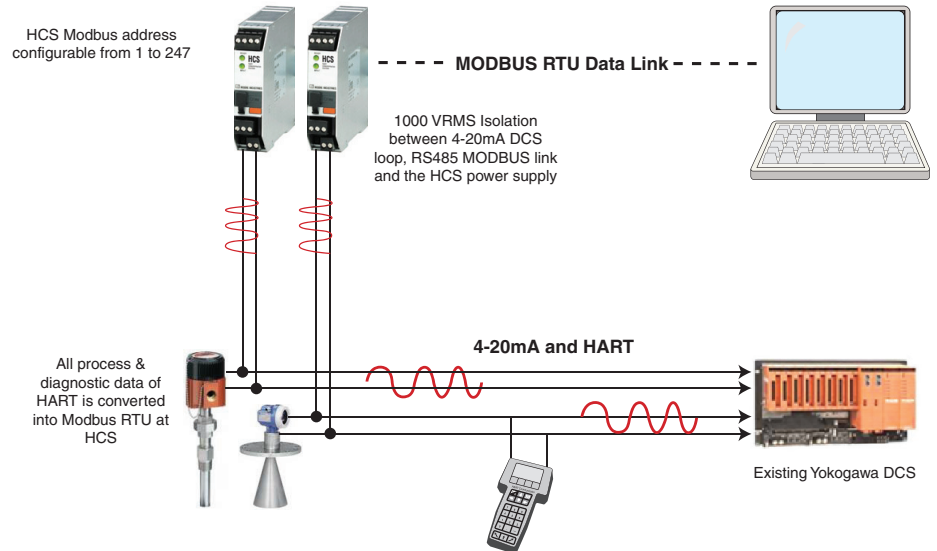


Smart HART Transmitters, Monitors and Interfaces

Connecting HMI to Tank Gauge Sensors

Problem: We have an existing gauging system in our tank farm consisting of a temperature transmitter and a level transmitter for each tank with a 4-20mA connection to a DCS. We are planning to modify the system to include an HMI in a new location for a tank gauging system to monitor 250 tanks. How can we get the information from our existing sensors to the new HMI separately from the DCS?

Solution: The HCS HART® Concentrator System will allow you to interface your HART signals directly with MODBUS-based control systems such as an HMI. This will allow you to connect a new HMI without disturbing an existing DCS. If the level and temperature is connected via a HART loop to the DCS, you will need to have two HCS units connected to each loop in order for the system to work.



Model Number Example
HCS / HART / MB485 / 9-30DC [DIN]

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