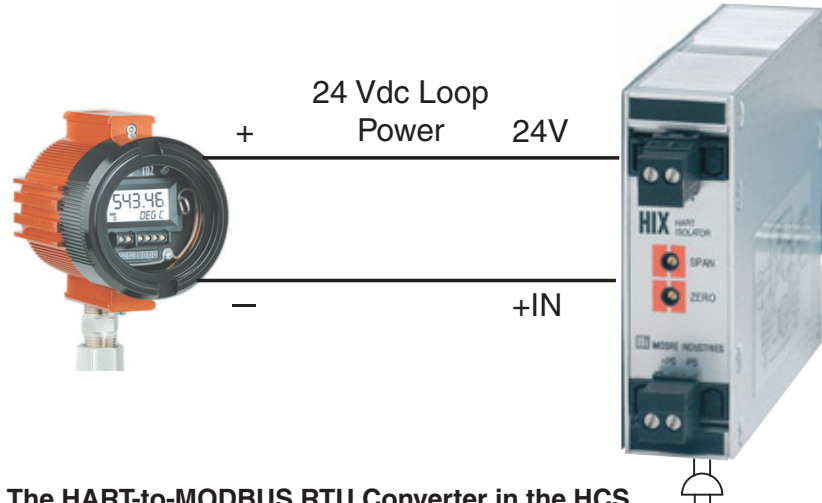


## Smart HART Transmitters, Monitors and Interfaces

### Monitoring and Powering a 2-Wire Transmitter

**Problem:** We need to transmit data from a Smart HART transmitter to both a primary DCS and an emergency shutdown device. Can we do this without placing further burden on our process loop?

**Solution:** Use the 2-wire HIX HART Isolator to safely share a HART signal between two receiving devices. It sends fully-isolated instrument loops to both the primary DCS and a secondary HART master (such as an emergency shutdown device). This allows for redundancy without taxing the process loop.



The HART-to-MODBUS RTU Converter in the HCS HART Concentrator System can also power any 2-wire transmitter it is monitoring.

**Model Number Example**  
HIX / 4-20mA / 4-20mA / 12-42DC [DIN]

**[Go to Smart HART Transmitters, Monitors and Interfaces Selection Guide](#)**