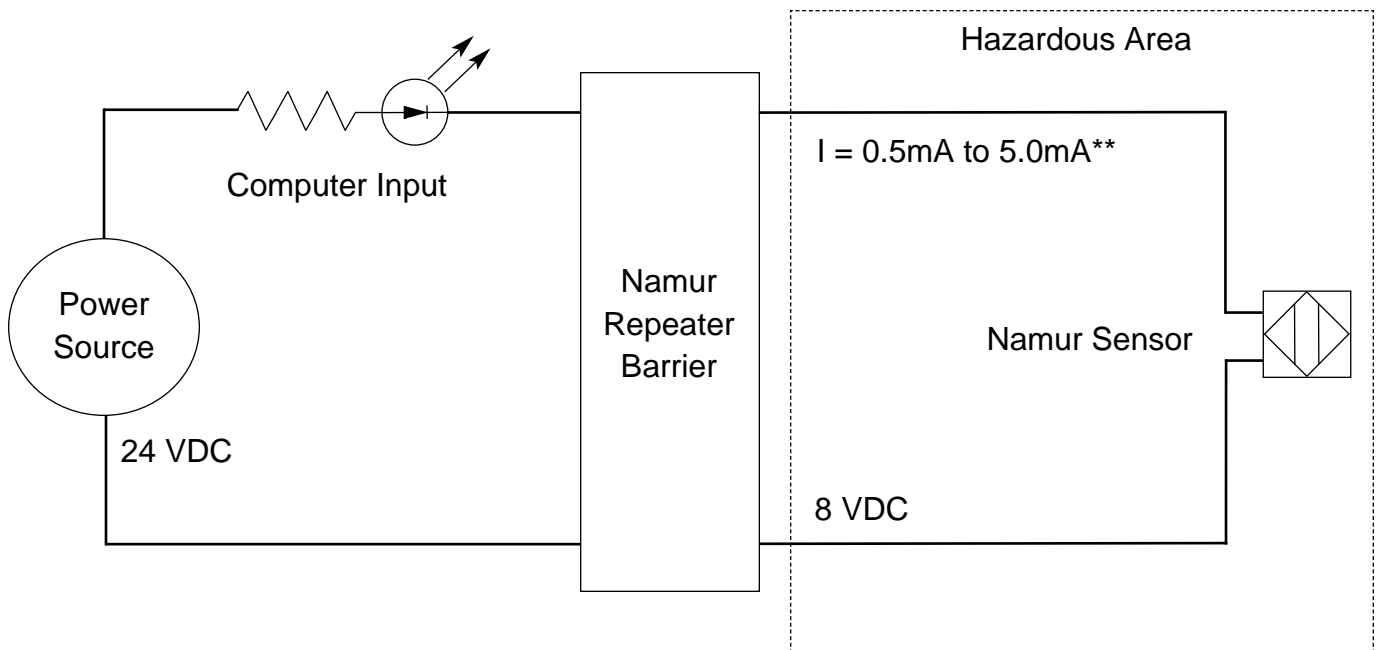


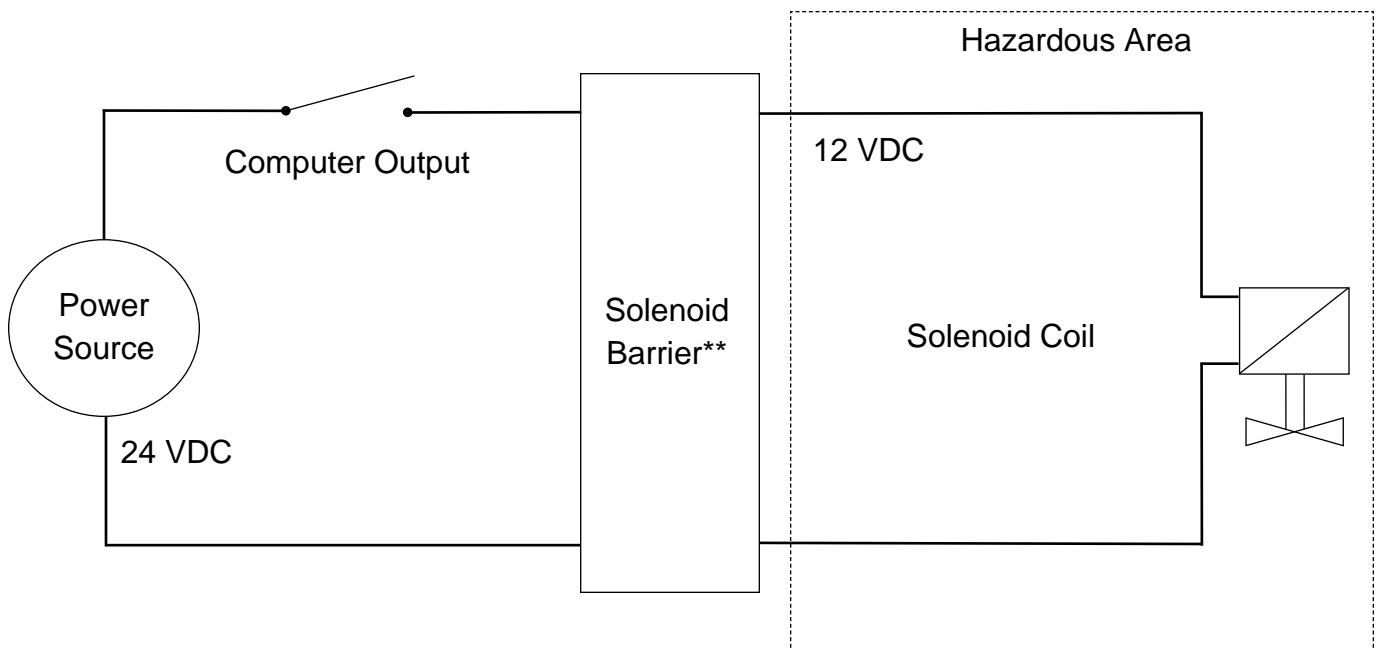
## Typical Basic Intrinsically Safe Circuit with Namur Sensor

### Basic Intrinsically Safe Namur Sensor Circuit



\*\* Barrier Off State (Target Off): Current in Namur Sensor Circuit  $>2.1\text{mA}$   
Barrier On State (Target On): Current in Namur Sensor Circuit  $<1.0\text{mA}$

### Basic Intrinsically Safe Solenoid Circuit



\*\* Use of an intrinsically safe 24 VDC solenoid barrier with internal impedance, or end-to-end resistance, of 250-305 ohms required for proper operation of StoneL's intrinsically safe solenoids