

SC-1

The **SC-1** is a microprocessor based control that provides a signal conversion from a 2-10V signal to drive a 24VDC Solenoid.



- Startup Delay
- Power Status LED
- 2-10VDC or 4-20mA Signal Source
- 2 Modes of Operation
 - Direct Control Mode(No Limit)
 - Temperature Control Mode(Limit)
- Industry Standard Mounting

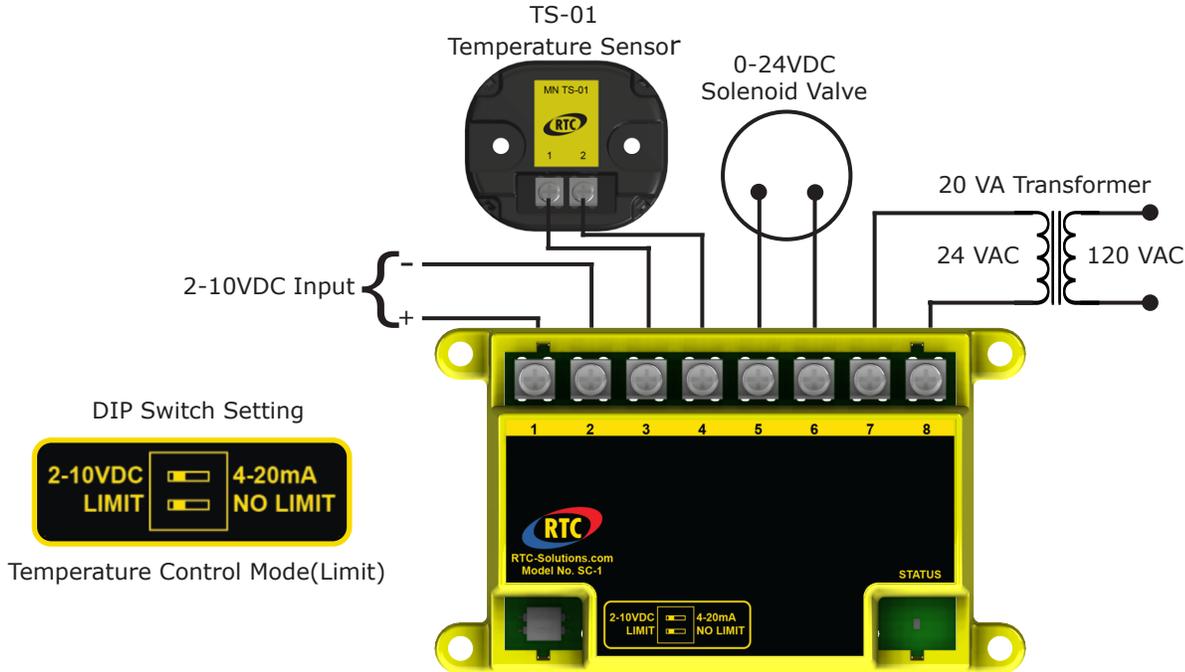
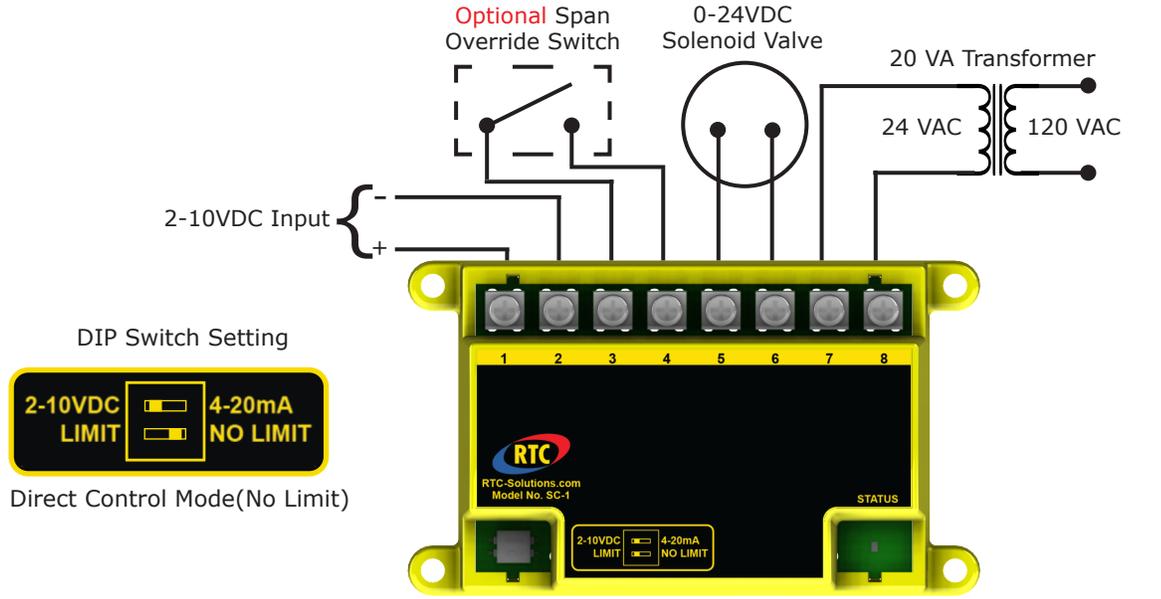
Description

The SC-1 provides a signal conversion from a high impedance 2-10VDC or 4-20mA signal source to drive a 24VDC solenoid. There are two modes the SC-1 can operate in. Direct Control Mode(No Limit) simply outputs a 0-24VDC signal to drive a solenoid valve directly proportional to the 2-10VDC or 4-20mA input signal. In Temperature Control Mode the SC-1 acts as a temperature control when used with a TS-01 Temperature Sensor.

Suggested Specifications

The control should be powered by an isolated 24VAC transformer to drive up to a .5A DC Solenoid.

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SC-1 Specifications

Power Requirements	24VAC 50/60Hz 20V A Isolated Class II Transformer
DFC Ambient Temperature Limits	
Storage	-40°F -140°F (-40 - 60°C)
Operating	-40°F -140°F (-40 - 60°C)
Accuracy	40°F -250°F (4 - 121°C)

