

# Selectra®

## SC10 Series Signal Conditioners

for direct or indirect fired gas applications

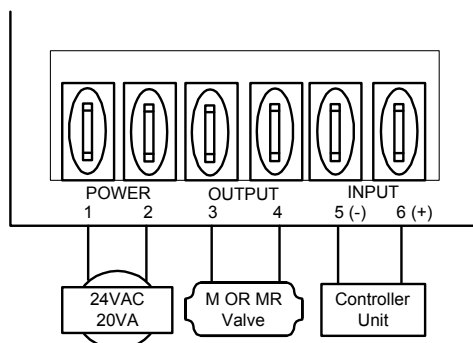
The track mounted SC10 Series can convert a controller's DC output signal of 4 to 20 milliamps or 0 to 10 volts to a 0 to 20 volt DC signal used to drive the Maxitrol Selectra® valve.

Model	Input
SC10-A6S2	4 - 20 mA
SC10-V6S2	0 - 10 V

Modulator and modulator-regulator valves are available up to 5 psi (350 mbar) inlet pressure, 30,000 CFH (850 m³/h) maximum, and pipe sizes from 3/8" to 4". (For additional valve information see Bulletin MT2035, or consult your Maxitrol sales representative.)

SC10 Series output to valve: a milliamp input corresponds to a DC voltage output.

**Wiring Diagram**



**DIMENSIONS: 4.75" W x 3.38" H x 2.09" D**

### SIGNAL CONDITIONER:

Ambient Limits.....-40° to 150°F (-40° to 66°C)

### SIGNAL CONDITIONER POWER REQUIREMENTS:

24V AC transformer, 20 VA capacity (50/60 Hz).  
(No grounded secondary.)



### IMPORTANT - READ PRIOR TO INSTALLATION

#### TO AVOID INTERNAL DAMAGE TO THE SC10 SERIES SIGNAL CONDITIONERS FOLLOW THESE GUIDELINES:

1. Transformer secondary must not be grounded in any portion of the circuit external to the SC10 Series signal conditioners. If existing transformer is grounded, a separate isolated transformer must be used.
2. Multiple SC10 Series signal conditioners controlled by a signal source with common outputs (terminals 5 & 6) require separate transformers for each SC10 Series signal conditioner.
3. Multiple SC10 Series signal conditioners powered by a single transformer require isolated signal inputs (terminals 5 & 6) to each SC10 Series signal conditioner.

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