

Description

The KMC RCC-1010 is an adjustable ratio relay designed for sequencing pneumatic control components in HVAC systems.

The RCC-1010 can reduce the rate at which a pneumatic device responds to a control signal. This ratio may be adjusted on a percentage basis from zero to 100% (1 to 1). This feature reduces instability in a final control device by effectively increasing the proportional band of the circuit.

Additionally, the device output can be biased in a positive direction to increase the output of the relay. This allows the ratio operation to begin at a specific pressure, such as the start point of a pneumatic actuator.

Features

- ◆ Allows sequencing of pneumatic control components
- ◆ Allows positive bias of relays output signal
- ◆ Reduces final device instability by decreasing response rates

Specifications

Maximum Pressure	30 psig (207 kPa)
Air Consumption	14.4 scim (3.93 mL/s)
Ratio Range	0 to 1
Supply Air	20 psig +/- 5 psi (138 kPa +/- 34 kPa)
Bias Adjustment	0 to 8 psi (55 kPa)
Weight	6 oz. (170 grams)
Material	ABS, UL Flame Class 94 HB
Temperature Limits	
Operating	40° to 120° F (4° to 49° C)
Shipping	-40° to 140° F (-40° to 60° C)

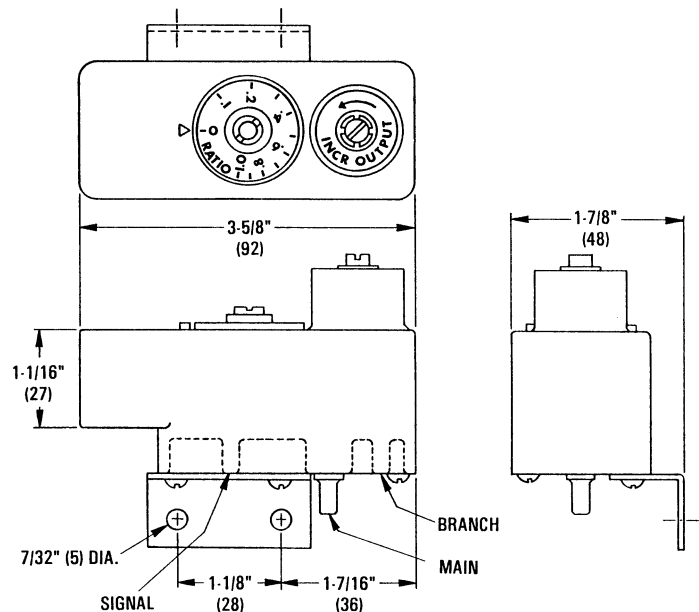
!CAUTION

Pneumatic devices **MUST** operate with CLEAN, DRY, control air. Any other medium will result in the device's eventual failure.



Details

All dimensions in inches (mm).



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