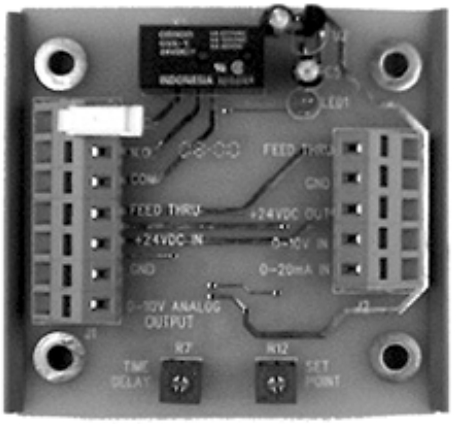
SPC-701

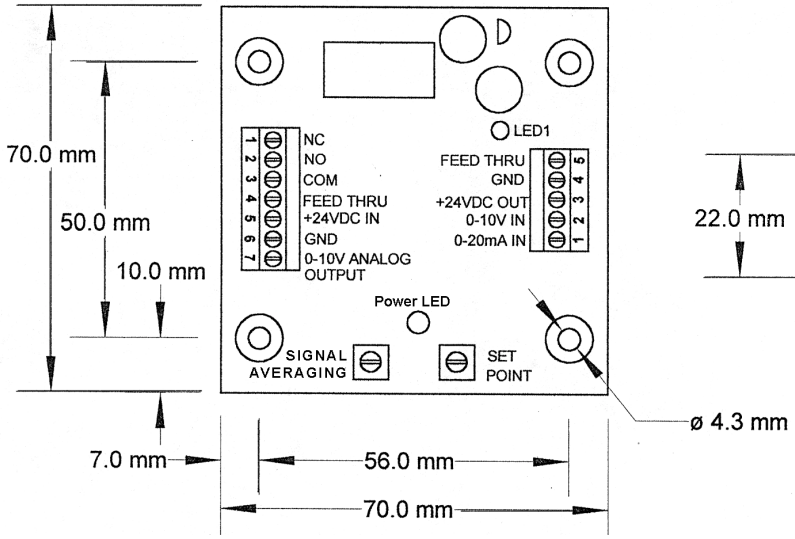
Features

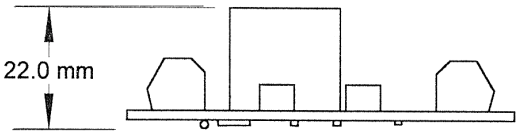
- Analog Input
- One Adjustable Output
- Snap Track Mount
- Form C Relay Output
- Analog Output
- Feed Through Sensor Excitation power
- DC Power In
- WAGO Press Terminal Blocks



The SPC-701 is an adjustable control with 1 setpoint. The setpoint is independently adjusted, and has a Form C relay output. This control can be used with any sensor or device that produces a 0-20 mA, 4-20 mA, 0-10V or 2-10V analog output. The SPC-701 will work with all Migatron analog output sensors. Besides the 1 relay output, there is a 0-10V analog output. This output can be used to drive a meter or other analog drive controls. This analog output can feed a SPC-701 or SPC-704 to provide additional setpoints. The SPC-701 also provides 24 VDC excitation power to drive input sensors. The SPC-701 has a signal averaging potentiometer that helps alleviate false trips during sudden signal changes.

The SPC-701 can be mounted on Snap Track, DIN rail (with optional DIN mounting plate. Part #7942742) or four studs. The terminal blocks are press to open for easy wiring. There is an easy to view bright LED that show the relay status. The SPC-701 is powered by 24VDC. There is an isolated feed thru path across the board that can be used as a wiring aid. The relay output can handle up to 3 amps. Power On Status LED.





Specifications

1. Input: 24VDC, no sensor 30 mA, with sensor up to 2A
2. Excitation Power: 24VDC, up to 2A
3. Analog Input: 0-20 mA, 4-20 mA, 0-10 VDC, 2-10 VDC
4. Signal Input Resistance: (Voltage Input 100K Ohms) (Current Input 250 Ohms)
5. Set Point Range: (0-10 VDC) (0-20mA)
6. Set Point Hysteresis 1%
7. Signal Averaging (Voltage Input 0-1s per volt) (Current Input 0-.5s per mA
8. Analog Output: 0-10VDC with load resistance 1K to infinity
9. Relay Contacts: (Resistive Load, 2A@277AC and 3A@ 30VDC/125VAC)
10. Relay Contacts: (Inductive Load, 1A@125VAC)
11. Relay Switching Min: (Current 10MA) Max (Voltage 30VDC/277VAC)
12. Operating Temperature Range: -25 to 70 C or -13 to 158 F
13. Humidity: 0 to 95% Non-Conducting

Terminals

Set Point Side

1. 0-20 mA In
2. 0-10 Volts In
3. 24 VDC out
4. GND (sensor ground)
5. Feed Thru

Relay Output Side

1. N.C. Relay Contact
2. N.O. Relay Contact
3. Relay Com
4. Feed Thru
5. +24 VDC Power In
6. GND (power ground)
7. 0-10 analog out

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