

**SPECIFICATIONS**

**INPUT SIGNAL OPTIONS:** 0-0.05, 0-0.1, 0-1, 0-5, 0-10, 0-100 Volts DC  
0-1, 0-10, 0-20, 4-20 mADC  
0-1, 0-2, 0-5, 0-10 ADC

**OUTPUT OPTIONS:** 1, 5 or 10 Volt DC  
1, 10, 20 or 4-20 mADC  
0-5 Volt Pulses

**ACCURACY CLASS:** 0.5% of Full Scale

**OUTPUT RIPPLE:** 1% Peak-to-Peak Maximum

**ISOLATION TEST:** 1 kV - 1 Minute

**TEMPERATURE RANGE:** 0 to +50 Deg. C

**STORAGE TEMPERATURE:** -20 to +80 Deg. C

**POWER:** 120 VAC 50-60 HZ  
(120 VAC, 24, 48, 120 VDC OPTIONAL)

**Applications and Features**

HALL EFFECT SENSORS ARE INCORPORATED FOR CURRENTS FROM 1 to 25 AMPERES DC.

VOLTAGE-TO-CURRENT OR TO-PULSE.  
CURRENT-TO-VOLTAGE OR TO-PULSE.  
VOLTAGE-TO-VOLTAGE.  
CURRENT-TO-CURRENT.

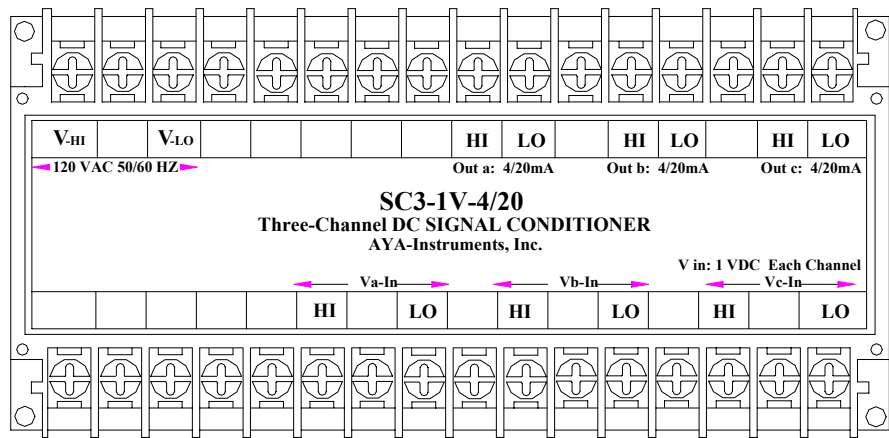
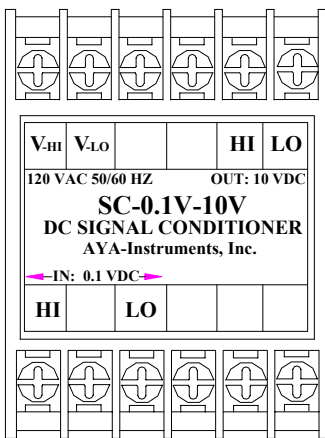
SPECIAL INPUT and OUTPUT RANGES ARE AVAILABLE.

**ENCLOSURE TYPE:** DIN RAIL TYPE 46277

**Single-Channel:** 2.17" x 2.9" x 4.4"

**Single-Channel with Relay** 2.95" x 2.9" x 4.4"

**Triple Channel:** 5.95" x 2.9" x 4.4"



\* FOR MODELS WITH RELAY CONTACTS, ADD "R" TO THE MODEL NUMBER

| SELECTION CHART            |          |          |           |                             |           |             |           |
|----------------------------|----------|----------|-----------|-----------------------------|-----------|-------------|-----------|
| Single-Channel Models: SC- |          |          |           | Triple-Channel Models: SC3- |           |             |           |
| INPUT                      | 1 VDC    | 5 VDC    | 10 VDC    | 1 mADC                      | 20 mADC   | 4-20 mADC   | 5 PPS     |
| 0-50 mVDC                  | 0.05V-1V | 0.05V-5V | 0.05V-10V | 0.05V-1M                    | 0.05V-20M | 0.05V-4/20M | 0.05V-5P* |
| 0-100 mVDC                 | 0.1V-1V  | 0.1V-5V  | 0.1V-10V  | 0.1V-1M                     | 0.1V-20M  | 0.1V-4/20M  | 0.1V-5P*  |
| 0-1 VDC                    | 1V-1V    | 1V-5V    | 1V-10V    | 1V-1M                       | 1V-20M    | 1V-4/20M    | 1V-5P*    |
| 0-5 VDC                    | 5V-1V    | 5V-5V    | 5V-10V    | 5V-1M                       | 5V-20M    | 5V-4/20M    | 5V-5P*    |
| 0-10 VDC                   | 10V-1V   | 10V-5V   | 10V-10V   | 10V-1M                      | 10V-20M   | 10V-4/20M   | 10V-5P*   |
| 0-100 VDC                  | 100V-1V  | 100V-5V  | 100V-10V  | 100V-1M                     | 100V-20M  | 100V-4/20M  | 100V-5P*  |
| 0-300 VDC                  | 300V-1V  | 300V-5V  | 300V-10V  | 300V-1M                     | 300V-20M  | 300V-4/20M  | 300V-5P*  |
| 0-1 mA                     | 1M-1V    | 1M-5V    | 1M-10V    | 1M-1M                       | 1M-20M    | 1M-4/20M    | 1MV-5P*   |
| 0-20 mA                    | 20M-1V   | 20M-5V   | 20M-10V   | 20M-1M                      | 20M-20M   | 20M-4/20M   | 20M-5P*   |
| 4-20 mA                    | 4/20M-1V | 4/20M-5V | 4/20M-10V | 4/20M-1M                    | 4/20M-20M | 4/20M-4/20M | 4/20M-5P* |
| 0-1 ADC                    | 1A-1V    | 1A-5V    | 1A-10V    | 1A-1M                       | 1A-20M    | 1A-4/20M    | 1A-5P*    |
| 0-5 ADC                    | 5A-1V    | 5A-5V    | 5A-10V    | 5A-1M                       | 5A-20M    | 5A-4/20M    | 5A-5P*    |
| 0-10 ADC                   | 10A-1V   | 10A-5V   | 1A-10V    | 10A-1M                      | 10A-20M   | 10A-4/20M   | 10A-5P*   |
| 0-25 ADC                   | 25A-1V   | 25A-5V   | 25A-10V   | 25A-1M                      | 25A-20M   | 25A-4/20M   | 25A-5P*   |

Specifications subject to change without notification