

# Models 8901 thru 8908 and 8911 thru 8918 Isolated Transmitters

## 0 to 10 Volt Output

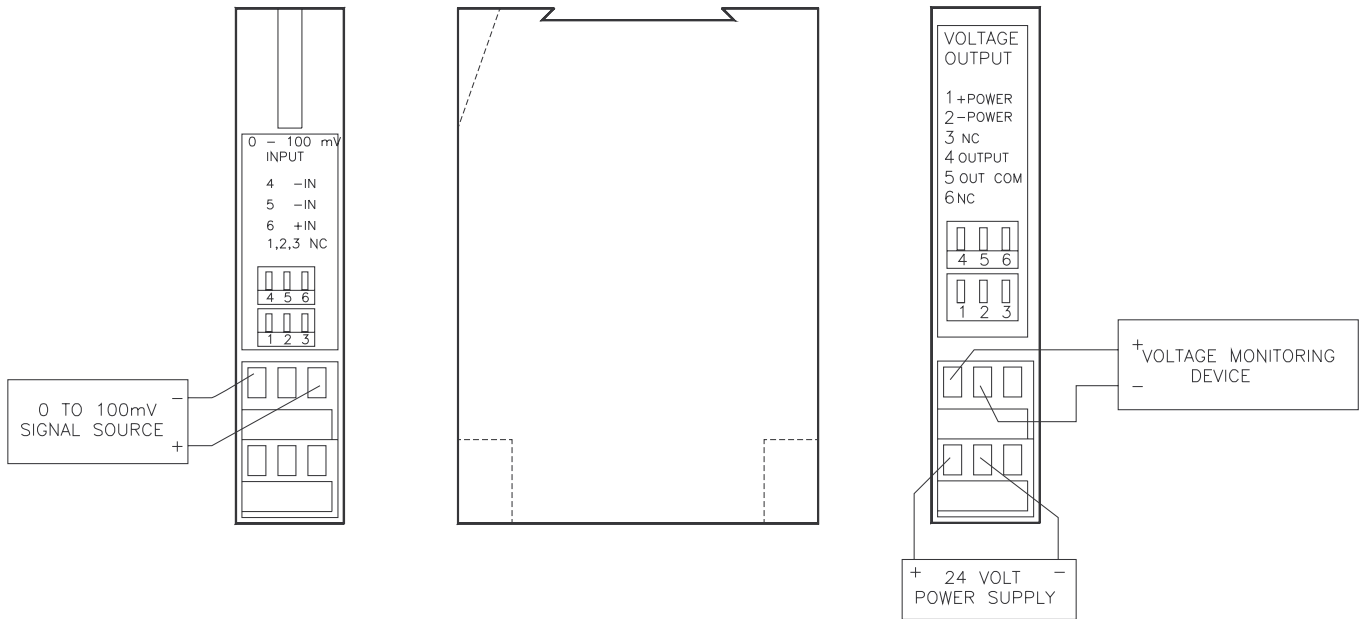
Model	8901	8902	8903	8904	8905	8906	8907	8908
<b>Input - DC</b>	0 - 50 mV	0 - 100 mV	0 - 5 V	0 - 10 V	0 - 100 V	4 - 20 mA	0 - 20 mA	0 - 50 mA
<b>Input Resistance</b>								
Voltage Input				1 Megohm				
Current Input				50 Ohms				
<b>Linearity, of Full Scale</b>	±0.02%							
<b>Accuracy, of Full Scale</b>	±0.1%							
<b>Maximum Input - No Damage</b>								
Voltage Input Models				130 VRMS				
Current Input Models				65 mA (3.25 Volts across 50 Ohm Input R)				
<b>Output</b>	0 -10 V							
Response Time, 10% to 90%	10 ms							
Ripple and Noise, of Full Scale	0.05%							
Load	5 mA							
Temp. Coefficient								
Zero				±0.5 mV/°C				
Full Scale				±100 ppm/°C				
<b>Power Requirements</b>								
Voltage				22 to 26 Volts DC				
Current	20 mA							
<b>Isolation, 3 Way</b>				700 VDC				
Power to Input or Output				15 pF				
Input to Output				750 pF				
60 Hertz CMRR				85 db				
<b>Environment</b>								
Operating	0°C to +55°C							
Storage	-40°C to +85°C							
<b>Size</b>				Plastic Case (UL-94V-1) with built in DIN Rail Foot 4.33"H x 0.895"W x 2.95"L (110 x 22.5 x 75 mm)				
<b>Weight</b>	5 oz. (142 grams)							
<b>Agency Approvals</b>	UL 508, C22.2 No 14-M91, UL 1604, C22.2 No 213-M1987							

## 4 - 20mA Output

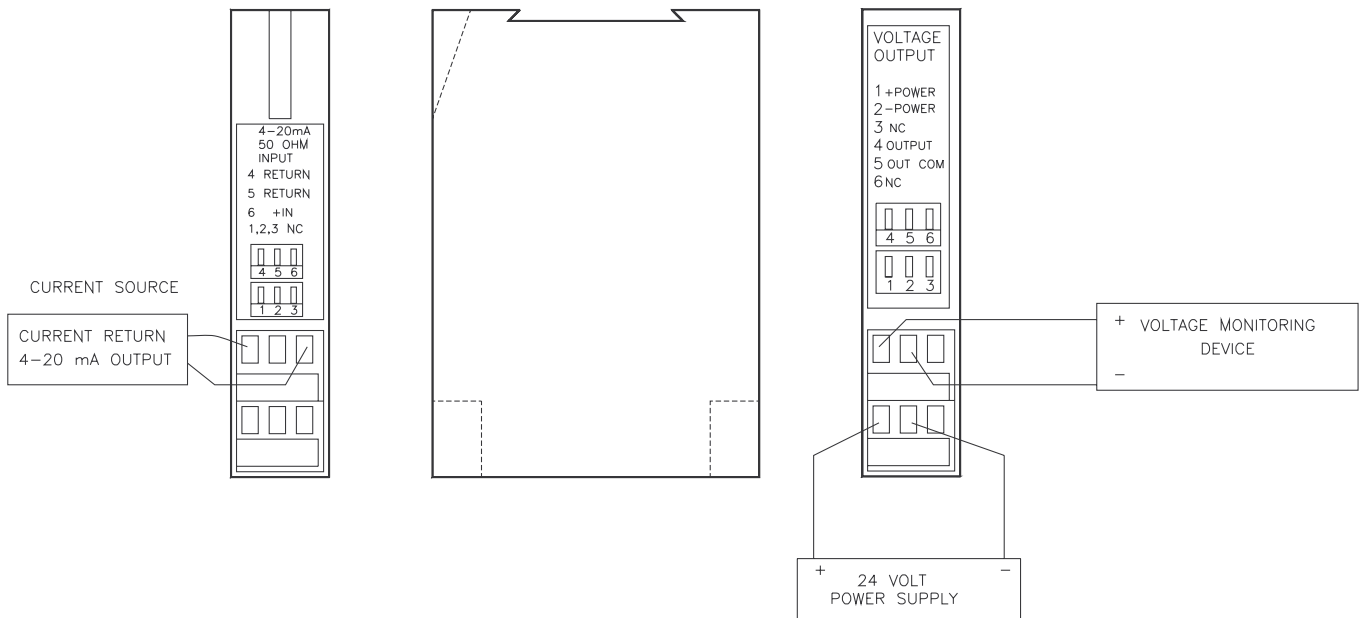
Model	8911	8912	8913	8914	8915	8916	8917	8918
<b>Input - DC</b>	0 - 50 mV	0 - 100 mV	0 - 5 V	0 - 10 V	0 - 100 V	4 - 20 mA	0 - 20 mA	0 - 50 mA
<b>Input Resistance</b>								
Voltage Input				1 Megohm				
Current Input				50 Ohms				
<b>Linearity, of Full Scale</b>	±0.02%							
<b>Accuracy, of Full Scale</b>	±0.1%							
<b>Maximum Input - No Damage</b>								
Voltage Input Models				130 VRMS				
Current Input Models				65 mA (3.25 Volts across 50 Ohm Input R)				
<b>Output</b>	4 -20 mA							
Response Time, 10% to 90%	10 ms							
Ripple and Noise, of Full Scale	0.05%							
Load	0 to 500 Ohms							
Minimum Output Current				Model 8916, 2.5 mA Typical				
Open Circuit Voltage	13 Volts							
Temp. Coefficient								
Zero				±0.5 µA/°C Typical				
Full Scale				±100 ppm/°C Typical				
<b>Power Requirements</b>								
Voltage				22 to 26 Volts DC				
Current	40 mA							
<b>Isolation, 3 Way</b>				700 VDC				
Power to Input or Output				15 pF				
Input to Output				750 pF				
60 Hertz CMRR				85 db				
<b>Environment</b>								
Operating	0°C to +55°C							
Storage	-40°C to +85°C							
<b>Size</b>				Plastic Case (UL-94V-1) with built in DIN Rail Foot 4.33"H x 0.895"W x 2.95"L (110 x 22.5 x 75 mm)				
<b>Weight</b>	5 oz. (142 grams)							
<b>Agency Approvals (pending)</b>	UL 508, C22.2 No 14-M91, UL 1604, C22.2 No 213-M1987							

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## CALEX Model 8901/8902/8903/8904/8905 Typical Wiring



## CALEX Model 8906/8907/8908 Typical Wiring



# Models 8901 thru 8908 and 8911 thru 8918 Isolated Transmitters

## CALEX Model 8916/8917/8918 Typical Wiring

