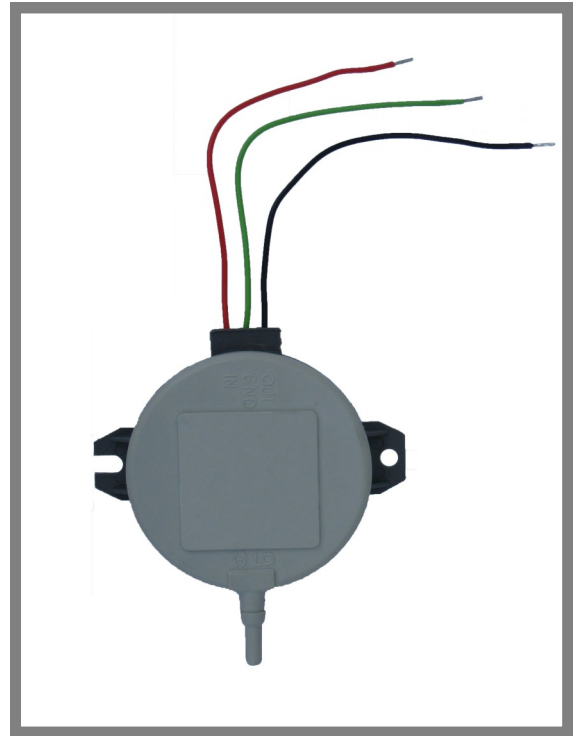


## The MCS-STATIC-0.2" Specifications & Description

### Product Characteristics

Range ..... 0.00 to 0.20 inches WC  
 Accuracy ..... ±1% FSO  
 Stability ..... < 1% FSO / yr  
 Overpressure ..... 5psi in either direction  
 Compensated Range ..... +20°F to 150°F (-6°C to +65°C)  
 Media ..... Dry air or non-conducting gas  
 Excitation ..... 4.8 to 8.1vdc  
 Supply Current ..... 5mA  
 Output Impedance ..... 10 ohms  
 Output Signal ..... 0.5 to 4.5vdc  
 Electrical Connection ..... 3" lead cables  
 Case ..... UL94V-0 glass filled polyester  
 Dimensions ..... 1.7" X 1" X 2.5" with mounting flanges  
 Weight ..... 3 ounces  
 Pressure Connections ..... 1/8" and 3/16" diameter  
 Conversion Equation ..... VDC = (20)(Inches WC) + 0.5



Part # MCS-STATIC-0.2"

### Product Description

The MCS-STATIC-0.2" is a differential pressure transducer that is designed to handle dry air or non-conducting gas. It accepts 4.8 to 8.1vdc and 14.5 to 17vdc for input power and outputs a 0.5 to 4.5vdc signal which is proportional to 0.0 inches to 0.2 inches of water column (WC).

The MCS-STATIC-0.2" differential pressure transducer is designed to measure building static pressure in order to control exhaust fans.

### Product Specifications

Inches WC	VDC (S1 to GND)
0.0	.5
0.01	.7
0.02	.9
0.03	1.1
0.04	1.3
0.05	1.5
0.06	1.7
0.07	1.9
0.08	2.1
0.09	2.3

Inches WC	VDC (S1 to GND)
.1	2.5
0.11	2.7
0.12	2.9
0.13	3.1
0.14	3.3
0.15	3.5
0.16	3.7
0.17	3.9
0.18	4.1
0.19	4.3
0.2	4.5