

Calibration - Millivolt Transmitter MVT223

This procedure is for testing the **MVT223 v3 and v4**, it uses a 902-019 (C155) base assemble.

Set Input Link Headers.

Set the link headers on SW1 according to the tables below for the input range required.

The default is: 0-75mV in., 4-20mA out. delay = 0.5 seconds.

Calibrate for the selected range:

- a) Input 0% FSD and adjust the output for 0% FSD with the "OFFS" pot.
- b) Input 100% FSD and adjust the output for 100% FSD with the "SPAN" pot.
- c) Repeat a) and b) until further adjustment is not required.
- d) With 50% input, check output is 50%.

X = switch closed.

table 1	SW1							
Input	A	B	C	D	E	F	G	H
0-20mV			X	X	X	X	X	
0-40mV			X	X	X			
0-50mV			X	X	X		X	
0-60mV			X	X		X		
0-75mV			X	X		X	X	
0-100mV			X	X			X	
0-150mV			X		X		X	
0-200mV			X				X	
0-250mV				X	X		X	
0-500mV				X			X	
0-750mV					X		X	
0-1000mV							X	

table 2	SW1	
response time	I	J
5msec		
50msec	x	
500msec		x

REVERSE ACTION:

Cut link L7, close link L6.

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