

PT100 simulator

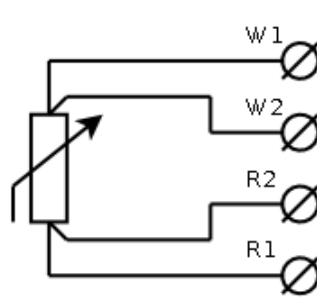
A2041 series



Features

The [A2041](#) series PT100 simulators are designed to test temperature measure devices such as PID controllers, displays, recorders and PLC/DCS systems. The PT100 simulator shall be connected to the device under test replacing the PT100. The potentiometer on the A2041 simulator can be used to set the temperature and thus test the correct functioning of the device under test.

Diagram:



Standard Types:

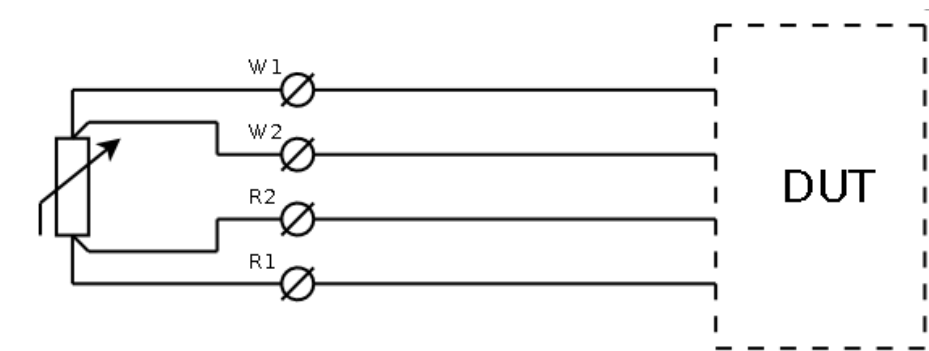
Type	minimum	maximum	
A2041C-C25	0	50	°C
A2041C-C34	-20	80	°C
A2041C-C43	0	100	°C
A2041C-C46	-70	150	°C
A2041C-C47	-30	200	°C
A2041C-C68	0	250	°C
A2041C-C74	0	300	°C

Table 1. standard types.

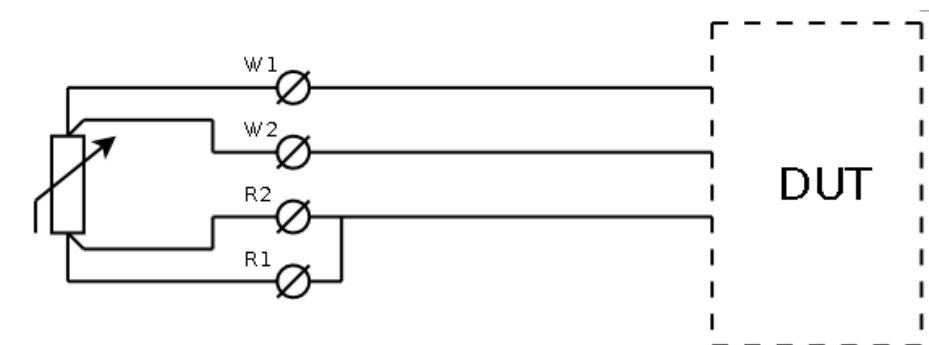
Specifications:

	A2041C-xxx	
Output	Resistance	
Potentiometer	Single turn	
Output Low	See table 1	ohm
Output High	See table 1	ohm
Accuracy	5	%
Max voltage	32	V
Max current	500	mA
Isolation resistance	1G	ohm
Connection	Screw terminal	
Mounting	Ø 10,0	mm
Material axle	Metal	
Potentiometer axle diameter	6,00	mm
Dimensions (l x w x h)	27x23x25	mm
Weight	38	Gram

Connection diagrams:



A2041 4-wire connection



A2041 3-wire connection

Pictures



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