

試験成績書 (CALIBRATION DATA REPORT)

型名 (Model Type) : 7563-21
製造番号 (Serial No.) :

試験日 (Cal. Date) : 2019/10/09
Before CAL

STEP No.	FUNCTION TESTED	LOW LIMIT	MEASURED	HIGH LIMIT	RESULT
1.	Thermocouple (TC) Measurement Accuracy				
	* JIS C 1602-1995				
	* Integration Time : 500 ms				
	* Auto Zero : On				
	* RJC : External				
	* Input : Rear				
	TC Type Input °C				
	K -260 °C (-6.441 mV)	-261.3 °C	-260.0 °C	-258.7 °C	PASS
	K -240 °C (-6.344 mV)	-240.5 °C	-240.0 °C	-239.5 °C	PASS
	K -100 °C (-3.554 mV)	-100.3 °C	-100.0 °C	-99.7 °C	PASS
	K 0 °C (0.000 mV)	-0.2 °C	0.0 °C	0.2 °C	PASS
	K 100 °C (4.096 mV)	99.8 °C	100.0 °C	100.2 °C	PASS
	K 300 °C (12.209 mV)	299.8 °C	300.0 °C	300.2 °C	PASS
	K 500 °C (20.644 mV)	499.8 °C	500.0 °C	500.2 °C	PASS
	K 700 °C (29.129 mV)	699.8 °C	700.0 °C	700.2 °C	PASS
	K 900 °C (37.326 mV)	899.8 °C	900.0 °C	900.2 °C	PASS
	K 1100 °C (45.119 mV)	1099.7 °C	1100.0 °C	1100.3 °C	PASS
	K 1300 °C (52.410 mV)	1299.7 °C	1300.0 °C	1300.3 °C	PASS
	TC Type Input °C				
	R -30 °C (-0.145 mV)	-30.5 °C	-29.8 °C	-29.5 °C	PASS
	R 0 °C (0.000 mV)	-0.4 °C	0.0 °C	0.4 °C	PASS
	R 500 °C (4.471 mV)	499.7 °C	500.0 °C	500.3 °C	PASS
	R 1750 °C (20.877 mV)	1749.7 °C	1750.0 °C	1750.3 °C	PASS
	TC Type Input °C				
	S -30 °C (-0.150 mV)	-30.6 °C	-30.0 °C	-29.4 °C	PASS
	S 0 °C (0.000 mV)	-0.4 °C	0.0 °C	0.4 °C	PASS
	S 500 °C (4.233 mV)	499.7 °C	500.0 °C	500.3 °C	PASS
	S 1750 °C (18.503 mV)	1749.7 °C	1750.0 °C	1750.3 °C	PASS
	TC Type Input °C				
	J -205 °C (-7.996 mV)	-205.4 °C	-205.0 °C	-204.6 °C	PASS
	J -175 °C (-7.265 mV)	-175.3 °C	-174.9 °C	-174.7 °C	PASS
	J 0 °C (0.000 mV)	-0.2 °C	0.0 °C	0.2 °C	PASS
	J 1190 °C (68.980 mV)	1189.7 °C	1190.0 °C	1190.3 °C	PASS
	TC Type Input °C				
	E -260 °C (-9.797 mV)	-260.8 °C	-260.1 °C	-259.2 °C	PASS
	E -225 °C (-9.368 mV)	-225.3 °C	-225.0 °C	-224.7 °C	PASS
	E 0 °C (0.000 mV)	-0.2 °C	0.0 °C	0.2 °C	PASS
	E 990 °C (75.621 mV)	989.8 °C	990.0 °C	990.2 °C	PASS
	TC Type Input °C				
	T -260 °C (-6.232 mV)	-261.0 °C	-260.0 °C	-259.0 °C	PASS
	T -225 °C (-5.950 mV)	-225.3 °C	-225.0 °C	-224.7 °C	PASS
	T 0 °C (0.000 mV)	-0.2 °C	0.0 °C	0.2 °C	PASS
	T 390 °C (20.255 mV)	389.8 °C	390.0 °C	390.2 °C	PASS

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STEP No.	FUNCTION TESTED	LOW LIMIT	MEASURED	HIGH LIMIT	RESULT
2 . Resistance Temperature Detector (RTD) Measurement Accuracy					
* Pt100 : JIS C 1604-1997					
* JPt100 : JIS C 1604-1989					
* Integration Time : 500 ms / 4 Wire					
	RTD Input °C				
	Pt100 -190 °C (22.83 Ω)	-190.09 °C	-189.99 °C	-189.91 °C	PASS
	Pt100 0 °C (100.00 Ω)	-0.07 °C	0.01 °C	0.07 °C	PASS
	Pt100 100 °C (138.51 Ω)	99.92 °C	100.03 °C	100.08 °C	PASS
	Pt100 200 °C (175.86 Ω)	199.91 °C	200.04 °C	200.09 °C	PASS
	Pt100 300 °C (212.05 Ω)	299.89 °C	300.03 °C	300.11 °C	PASS
	Pt100 400 °C (247.09 Ω)	399.88 °C	400.04 °C	400.12 °C	PASS
	Pt100 500 °C (280.98 Ω)	499.86 °C	500.06 °C	500.14 °C	PASS
	Pt100 600 °C (313.71 Ω)	599.85 °C	600.06 °C	600.15 °C	PASS
	RTD Input °C				
	JPt100 -190 °C (21.46 Ω)	-190.09 °C	-190.01 °C	-189.91 °C	PASS
	JPt100 0 °C (100.00 Ω)	-0.07 °C	0.01 °C	0.07 °C	PASS
	JPt100 100 °C (139.16 Ω)	99.92 °C	100.03 °C	100.08 °C	PASS
	JPt100 200 °C (177.13 Ω)	199.91 °C	200.03 °C	200.09 °C	PASS
	JPt100 300 °C (213.93 Ω)	299.89 °C	300.05 °C	300.11 °C	PASS
	JPt100 400 °C (249.56 Ω)	399.88 °C	400.05 °C	400.12 °C	PASS
	JPt100 500 °C (284.02 Ω)	499.86 °C	500.05 °C	500.14 °C	PASS
3 . Resistance Measurement Accuracy					
* Integration Time : 500 ms					
* Auto Zero : On / After : Null / 4 Wire					
	Range Input R				
	200 Ω 190 Ω	189.9742 Ω	190.0098 Ω	190.0258 Ω	PASS
	2000 Ω 1900 Ω	1899.785 Ω	1900.099 Ω	1900.215 Ω	PASS
	20 kΩ 19 kΩ	18.99785 kΩ	19.00169 kΩ	19.00215 kΩ	PASS
	200 kΩ 190 kΩ	189.9742 kΩ	190.0030 kΩ	190.0258 kΩ	PASS
	2000 kΩ 1900 kΩ	1898.900 kΩ	1900.246 kΩ	1901.100 kΩ	PASS
	20 MΩ 19 MΩ	18.9590 MΩ	18.9984 MΩ	19.0410 MΩ	PASS
4 . DC Voltage Measurement Accuracy					
* Integration Time : 500 ms					
* Auto Zero : On / After : Null					
	Range Input V				
	200 mV 190 mV	189.9785 mV	190.0048 mV	190.0215 mV	PASS
	2000 mV 1900 mV	1899.848 mV	1900.077 mV	1900.152 mV	PASS
	2000 mV 1500 mV	1499.878 mV	1500.058 mV	1500.122 mV	PASS
	2000 mV 1000 mV	999.915 mV	1000.038 mV	1000.085 mV	PASS
	2000 mV 500 mV	499.953 mV	500.020 mV	500.047 mV	PASS
	2000 mV -500 mV	-500.047 mV	-500.016 mV	-499.953 mV	PASS
	2000 mV -1000 mV	-1000.085 mV	-1000.034 mV	-999.915 mV	PASS
	2000 mV -1500 mV	-1500.122 mV	-1500.052 mV	-1499.878 mV	PASS
	2000 mV -1900 mV	-1900.152 mV	-1900.063 mV	-1899.848 mV	PASS
	20 V 19 V	18.99819 V	19.00070 V	19.00181 V	PASS
	200 V 190 V	189.9681 V	189.6714 V	190.0319 V	*FAIL*

End