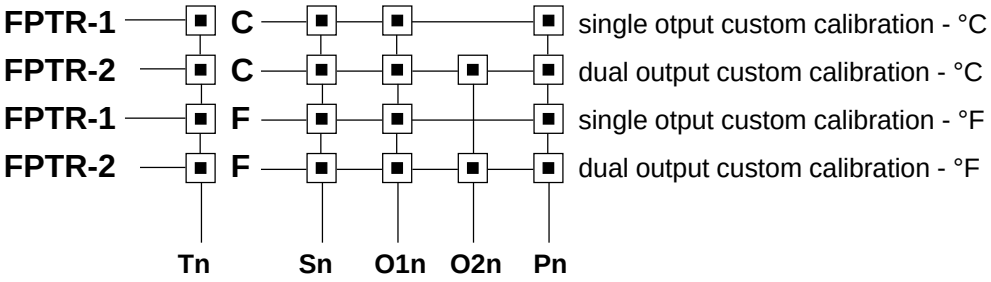
RTD ISOLATING TRANSDUCER

Applied Standards & Rules

Measuring and conversion	IEC 688 / 1992 - 04
Dielectrical strength	IEC 688 2KVac / 1 min.
Surge and Impulse test	ANSI C37.90 / 1989
	IEC 255-3 (1989) 4KV 1.2 x 50 us

Order form



Input modules Max. effective ranges	Tn	Input Ranges	Sn	Input Ranges	Sn	Output Ranges	O1n/ O2n	Power	Pn
-100~110C / -170~170F	P1	-100~0	1	0~900	16	0~1 V	A	AC120V	A
-100~440C / -150~800F	P4	-100~50	2	0~1000	17	0~2 V	B	AC240V	B
-100~800C / -150~1500F	P8	-50~50	3	0~1100	18	0~5 V	C		
-100~250C / -150~450F	C4	-50~100	4	0~1200	19	1~5 V	D	Option	
		-50~200	5	0~1400	20	0~10 V	E	DC24V	C
Note :		0~100	6	0~1500	21	2~10 V	F	DC48V	D
		0~150	7	Specified	Y	0~1 mA	G	DC12V	E
Module P1/P4/P8 for PT 100ohm		0~200	8			0~2 mA	H	DC125V	F
		0~250	9			0~5 mA	I		
		0~300	10			1~5 mA	J		
Module C4 for CU 10ohm		0~400	11			0~10 mA	K		
		0~500	12			2~10 mA	L		
		0~600	13			0~16 mA	M		
		0~700	14			0~20 mA	N		
		0~800	15			4~20 mA	P		

Specification

Accuracy (23±3°C)	0.3% ro
Linearty & repeatability	0.1% typical
Dielectric strength	4KV rms AC between power / input & output terminals
Surge and impulse test	ANSI C37.90 / 1989, IEC 255-3 (1989) 4 KV 1.2 x 50 us
Configuration	Three wires connection / applicable for two wires
	Excitation - 5mAdc constant current source
	Changeable input module
	Linearized output vs input temperature
Field rangeability	Selectable output mode for voltage or current mode
	Switchable of input range & output range
	Switchable AC power 110V or 220V
	Selectable degree C or F calibration
Effect of wire resistance	Automatically eliminated for 3 wires connection
	Offset recalibration required as for 2 wires connection
Input break detection	Selectable Hi-set or Lo-set
	Hi-set over 110% of rated output
	Lo-set less 0.5% of rated output
Aux. power effect	< 0.003% for per voltage change
Storage condition	Temperature range -25 to 70°C, RH 20 to 95% non condensed
Operating condition	Temperature range -20 to 65°C, RH 0 to 99% non condensed

Terminal Connection