

# Order Information

Block means optional functions with additional charge

Model	Output 1	Output 2	Alarm	TRS	Remote	COMM	Input type	Power	Accessories
TFC900(Red/Green light) TFC901(Blue/White light) PTFC900(Program)	1	0	1	0	0	0	01	A	N
TFC 400 48x48mm TFC 600 96x48mm TFC 700 72x72mm TFC 800 48x96mm TFC 900 96x96mm	0 None 1 Relay 2 Voltage Pulse (SSR Drive) 3 4-20mA 4 0-20mA A 0-5V B 0-10V C 1-5V D 2-10V	0 None 1 Relay 2 Voltage Pulse (SSR Drive) 3 4-20mA 4 0-20mA A 0-5V B 0-10V C 1-5V D 2-10V	0 None 1 1Set 2 2Sets 3 3Sets A HBA B HBA+AL2 C HBA+AL2+AL3	0 None 1 4-20mA 2 0-20mA A 0-5V B 0-10V C 1-5V D 2-10V	0 None 1 4-20mA 2 0-20mA A 0-5V B 0-10V C 1-5V D 2-10V M Motor valve control feedback	0 None 3 TTL B RS-485	See input type table code	A AC 85-265V D DC 24V	N None T Terminal Cover W IP65 R Terminal Cover +IP65
PTFC400 / 401 48x48mm PTFC600 96x48mm PTFC700 / 701 72x72mm PTFC800 / 801 48x96mm PTFC900 / 901 / 902 96x96mm	5 1φSCR zero cross control 6 3φSCR zero cross control 7 Motor valve control 8 1φSCR phase angle control								

※ HBA :Heater Break Alarm (HBA must use AL 1 as alarm relay)

## Input Type Table

TYPE	Thermocouple												RTD				
	K		J		R	S	B	E	N	T	W	PLII	L	PT100			
Kind	K1	K2	J1	J2	R	S	B	E	N	T1	T2	W	PLII	L	DP1	DP2	DP3
Code	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17
Range °C	600.0	1200	400.0	1200	1760	1760	1820	900	1300	400.0	400	2320	1200	800	850.0	850	850
	-50.0	-50	-50.0	-50	-50	-50	-50	-50	-50	-199.9	-199	-50	-50	-50	-199.9	-199	0

TYPE	LINEAR											
	AN1	AN2				AN3	AN4					
Code	18	19	20	21	22	23	24	25	26	27	28	29
Range	0~25mV	0~50mV	0~20mA	0~1V	0~2V	0~5V	0~10V	0~70mV	4~20mA	10~50mV	1~5V	2~10V
	4 kinds of choices : -1999~9999 -199.9~999.9 -19.99~99.99 -1.999~9.999											



Before operating this product, read the instruction manual carefully to avoid incorrect operation.  
This product is intended for use with industrial machines, test and measuring equipment.  
It is not design for use with medical equipment.  
If it is possible that an accident may occur as a result of the failure of the product or some other abnormality, an appropriate independent protection device must be installed.



**MICROTEMP ELECTRICS CO., LTD.**  
**YI CHUN ELECTRICS CO., LTD.**  
**HWA TAI TECHNOLOGY CO., LTD.**

Address: Rm 301, No. 33, Sec. 2, Keelung Rd.,  
Taipei, Xinyi District 11052, Taiwan  
URL: <http://www.microtempelectrics.com>  
TEL: +886-2-27385930  
FAX: +886-2-27385912