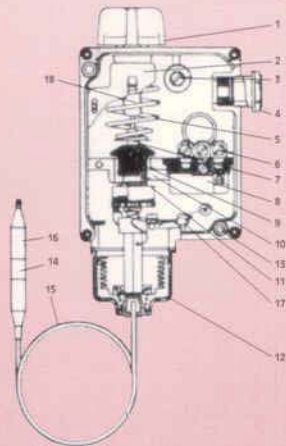
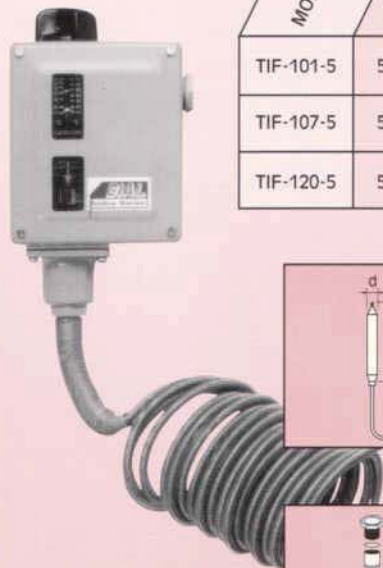


DIAL INSTRUMENTS PTE LTD



TEMPERATURE SWITCHES



- | | |
|-------------------------|-------------------------------|
| 1. Knob | 10. Contact arm |
| 2. Range scale | 11. Differential setting roll |
| 3. Loop terminal | 12. Bellows element |
| 4. Cable entry | 13. Mounting hole |
| 5. Main spring | 14. Sensor clip |
| 6. Connection terminals | 15. Capillary tube |
| 7. Main spindle | 16. Sensor |
| 8. Switch | 17. Earth screw |
| 9. Upper guide bush | 18. Setting spindle |

MODEL	CAPILLARY LENGTH (M)	SETTING RANGE (°C)	ADJUSTABLE DIFFERENTIAL RANGE (°C)		MAX BULB TEMP (°C)	CHARGE
			AT MIN TEMP SETTING	AT MAX TEMP SETTING		
TIF-101-5	5	25 - 90	2.4 - 10	3.5 - 20	300	ABSORPTION
TIF-107-5	5	70 - 150	6 - 25	1.8 - 8	215	PARTIAL
TIF-120-5	5	120 - 215	7 - 30	1.8 - 9	260	PARTIAL

BULB DIMENSION

MODEL	CAPILLARY LENGTH	L MM	d MM
TIF-101-5	5	110	11
TIF-107-5	5	110	9.5
TIF-120-5	5	80	9.5

THERMOWELL DIMENSION

SENSOR POCKET PART NO	L MM	d MM	THREAD SIZE	MODEL
BTW 12	111	11	1/2" BSP	BRASS
STW 12				SS304
BTW 34	111	11	3/4" NPT	BRASS
STW 34				SS304

TECHNICAL DATA

RANGES	: 25 - 90°C 70 - 150°C 120 - 215°C
DIFFERENTIAL	: ADJUSTABLE
MAXIMUM PRESSURE	: MIN 115% OF F.S.R.
TEMPERATURE LIMIT	: (AMBIENT) 70°C MAX
REPEATABILITY	: ± 1%
ENCLOSURE MATERIAL	: DOUGH MOULDED COMPOUND (DMC)
PROTECTION CODE	: IP 66 WEATHERPROOF
CABLE ENTRY	: 2 OFF 1/2" NPT (F)
SENSING ELEMENT	: VAPOUR FILLED THERMOSTATIC ELEMENT
CONTACT CAPACITY	: 1 SPDT RESISTIVE 10A 380VAC INDUCTIVE 4A 380VAC 12W 220VDC
WETTED PART	: TIN PLATTED COPPER BULB & CAPILLARY

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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