



1 Initial Selection

Type	34/Gen1 OTI	35/Gen1 WTI
Label	OTI	WTI
Internal Matching Resistance	None TD50 - CT <2.20 amps TD76 - CT <2.65 amps	

2 Measurement

Measurement Range (Dial Indication range °C)

01 (0 - 150°C)
02 (30 - 180°C)
05 (-20 - 130°C)
06 (0 - 160°C)
07 (0 - 150°C & 32 - 302°F)
08 (-20 - 130°C & -4 - 266°F)
09 (0 - 160°C & 32 - 320°F)

Measuring Accuracy

±2% of FSD / 3°C
±1.3% of FSD / 2°C
±1% of FSD / 1.5°C

3 Switch Selection

How Many Switches 1-5?

Switch Type	SPDT	STD e.g 15A	Switch Selection
		MBO	
		GOLD	
		GW	
		DPDT	

Switch Differential	(STD) 12± 2°C	
	6± 1°C	
	10± 1°C	
	Adjustable	



Notes:

6 Environment

Protection Class

IP54 - Splash water and Dust
IP55 - Hose water and Dust
IP56 - Jetted Hose Water and Dust
IP65 - Sealed

Lens Material

Polycarbonate

Case Finish

RAL7000 -Powder Coat Finish
Munsell -5Y7/1 Powder Coat Finish
C5-M-High Durability RAL7000
RAL7044 Gey/Yellow

Mounting

Standard Mounting (44048)
47000 Seismic
47737 Mounting
47760 Mounting

Locknuts

Standard
Fixed

5 Input /Output

Cable Entry

No Adaptor - Plastic Plugs
Metal PG16
M20 x 1.5mm
Adaptor for 1/2 - 14NPT
BSP 3/4" F

Integral Analogue Output

None
TD111 - 4 20 mA
TD119-1 - 0-1mA
TD119-2 - 0-5mA
TD119-3 - 0-10mA
TD119-4 - 0-20mA
TD119-5 - 4-20mA & 0-5V DC
TD119-6 - 4-20mA & 0-10V DC
TD66 CU10
TD66 PT100
TD66 1-8.5 kOhm

4 Temperature Sensing Probe and Capillary

Probe Connection	Probe Connection					
	11	12	15	16	18	19
Square Flange						
G3/4" Male						
G1" Male						
7/8" - 14 UNF Male						
G1/2" Male						
G1/2" Female						
G3/4" Female						
M22 x 1.5mm						
M27 x 2mm						

Capillary Length Range 1-20 Metres
(Only Whole numbers - 6 Metres Std)

Capillary Length: