

DATA SCANNER / LOGGER

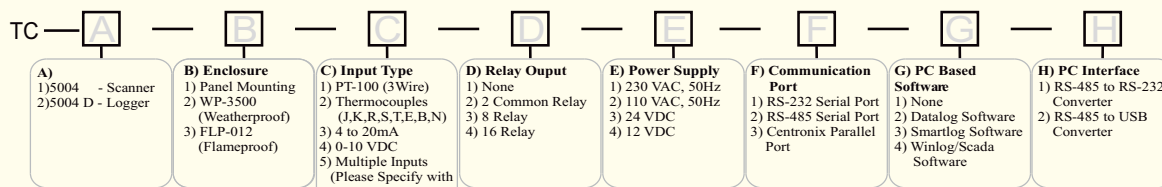


SERIES ADT - 5003 ADT - 5004



TECHNICAL SPECIFICATIONS

INPUTS	RANGE		RESOLUTION	ACCURACY
	Minimum	Maximum	NORMAL	FULL SCALE
RTD PT-100 (3 WIRE)	- 200°C	400.0°C	0.1	± 0.25%
J - Type (Fe - CON)	- 50.0°C	600.0°C	0.1	± 0.25%
K - Type (Cr - Al)	- 50.0°C	500.0°C	0.1	± 0.25%
K - Type (Cr - Al), N - Type	- 50°C	1300°C	1	± 0.25%
R - Type (PT - 13%Rh / PT), S-Type (PT - 10%Rh / PT)	0°C	1750°C	1	± 0.25%
T - Type (Cu / CON)	- 200°C	400.0°C	0.1	± 0.25%
E - Type (NI Cr / CON)	0°C	1000°C	1	± 0.25%
B-Type (PT 30% Rh / PT 6% Rh)	400°C	1820°C	1	± 0.25%
4 To 20mA / 0 To 20mA	- 999	9999	Programmable By user	± 0.25%
Voltage (0 To 1 VDC / 0 To 10 VDC)	- 999	9999		± 0.25%
Display	4 digits of 13 mm height Red L.E.D display for 'Process Value' indication 1 digit of 13 mm height Red L.E.D display for 'Channel Number' indication			
L.E.D. Indication	8 Nos Red L.E.Ds of 3 mm for Alarm Indications i.e. AL1 & AL2			
Set Point	2 independent set points for each channel with 2 common relay outputs & programmable latch / non-latch facility for 2 common relays & Alarm indications			
Control action	HI - LO, LO - Very LO, HI-Very HI Control action logic; programmable by user			
Relay Output	1 NO/C/NC Relay Contact Rated 230VAC/5A for Relay-1 (AL1) & Relay-2 (AL2)			
Setting	Setting by 5 feather touch keypad on front panel 'MODE', 'SHIFT', 'INC', 'ENT', 'PRN / ACK'			
Scan Time	1 to 59 sec scan/scroll time between each channel; programmable by user			
Print Interval (Optional)	5 to 9999 Sec for Direct print out on 24 / 80 / 132 Column Dot matrix Printer			
Logging Interval	1 to 9999 Sec log interval for data logger model; programmable by user			
Memory	Max. 5000 readings storing capacity for all 8 channel in Data Logger model Memory saturation, Memory Scrolling (FIFO) & Online PC interface available in Data Logger model			
Monitoring: Sensor	Temperature sensor 'Break / Open' display shows 'oPen' indication			
Open / Under / Over	Under range 'under'. Over range 'OuEr' indication for RTD & all Thermocouple I/Ps			
Supply Voltage	230 VAC ±10%, OR 110 VAC ±10% OR 24 VDC OR 12 VDC			
Operating Temperature	- 40 To 85 .C Relative Humidity : Below 95% non condensing			
Enclosure Details	Panel Mount	Weatherproof	Flameproof	
Protection Class	IP-40	IP-65	IP-65, CMRI for IIA & IIB Gas Group	
Cabinet Material	ABS Plastic, White Colour	Polycarbonate, gray colour	Cast Aluminum alloy, LM-6 / C.I. Enclosure	
Cable Entry	Terminal Connector for Connection	Thermoplastic cable gland (IP 68)	Double compression cable gland, ¼" ET-type	
Dimension	96(H) X 96(W) X 175(D) in mm	305(H) X 325(W) X 170(D) in mm	350(H) X 295(W) X 170(D) in mm	
Cutout	92(H) X 92(W) in mm	----	----	
Mounting	Panel Mount	Wall Mounting / Stand Mounting	Wall Mounting / Stand Mounting	
Weight	Approx 1Kg	Approx 2.5Kg	Approx 9.5Kg	
Optional	a) Isolated RS-232 / RS-485 Serial Port with MODBUS RTU Protocol output. b) Isolated Parallel port for direct printout on 24/80/132 column Dot Matrix printer without need of Computer (PC) c) SMARTLOG / DATALOG / SCADA Data Acquisition Softwares for online graphs & history data reports d) Individual Relay output or Grouping Relay output can be given for each channel			



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ALTOP Industries Ltd.

PROCESS CONTROL INSTRUMENTATION

CIN - U91110GJ1993PLC018831

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