

Features

- » Dual Display, 4 digit, 7 segment LED Display
- » Touch key for operation
- » Advanced Auto-tune PID Algorithm
- » RTD / TC / Analog universal inputs
- » Alarm configurations
- » Retransmission Output (optional)
- » SSR or Relay control output options
- » Auto/Manual selection with bump less transfer
- » PID, PID Autotune, On-Off
- » Programmable PV correction option
- » Auxiliary power supply for sensors (optional)



Model : FUC - TOUCH

Technical Specifications

Display & Key		Power Supply	
Display	4 Digit, 7 Segment display, Dual display	Supply Voltage	85- 265 Vac 50/60Hz
LED	RL1 , RL2	Power rating	5VA Max @230Vac
Key	4 Keys, Touch button type		
Input		Physical	
Inputs	Thermocouples (J,K,R,S) RTD(PT100) DC Current (0-20mA/4-20mA) DC Volts (0-5V, 1-5V,0-10V,)	Dimensions(mm)	150(H) x 150(W) x 120(D)
Accuracy	0.3% of full scale for TC, RTD input 0.1% of full scale for Linear input	Enclosure Type	Explosion Proof
Resolution	1/0.1° for RTD/TC only 1/0.1/0.01/0.001 for linear inputs	Area Classification	Zone 1 and 2
Sampling Time	4 Samples/Seconds	Ingress Protection	IP65
		Mounting type	Wall mount using 4 Nos of M8 size bolts
		Gland / plug	2 nos 3/4" ET Cable glands and 3 blind plugs
Output		Display Range : Table -1	
Control Type	On/Off, P, PI, Auto tune PID	RTD (PT100)	PT100 -99.9 to 400 °C
Proportional	0 - 100 %	TC	J -50 to 750 °C
Integral Time	0 - 2000 Seconds		K -50 to 1200 °C
Derivative Time	0 - 1000 Seconds		R 0 to 1750 °C
Relay1	3A @ 230Vac Resistive load(Main Output)		S 0 to 1750 °C
Relay 2	3A @ 230Vac Resistive load(Alarm Output)	Linear Input	1-5V/0-5V/0-10V -999 to 9999
SSR	Optional, Drive at 24Vdc(20mA)		4-20 / 0-20 mA
Current	0 - 20mA DC		
Other possible intergration		Environmental	
		Operating Temperature	0 - 55 °C
		Humidity	45%-85% RH(None Freeze)

- » Two channel indicator for linear inputs only.
- » Linear output signal multiplier or splitter.
- » Modbus-RTU, RS485 output
- » Customised and dedicated system configuration is possible.

* All specifications are subjected to change without any notice due to continuous improvement
 * Please specify your requirement before you place an your order.