



PROCESS CONTROLLER

PIC 4202

APPLICATIONS

Pharmaceutical Industries

Extrusion Machinery

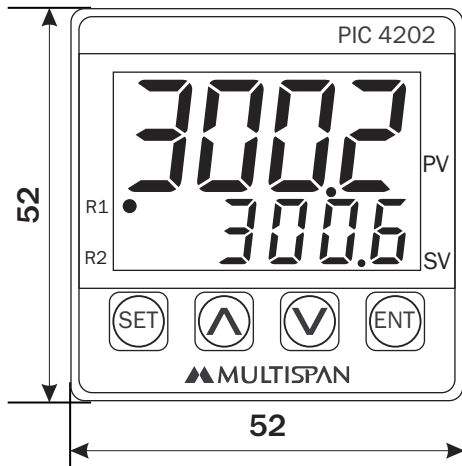
Furnace & Boilers

Ovens & Incubators

Process Industry

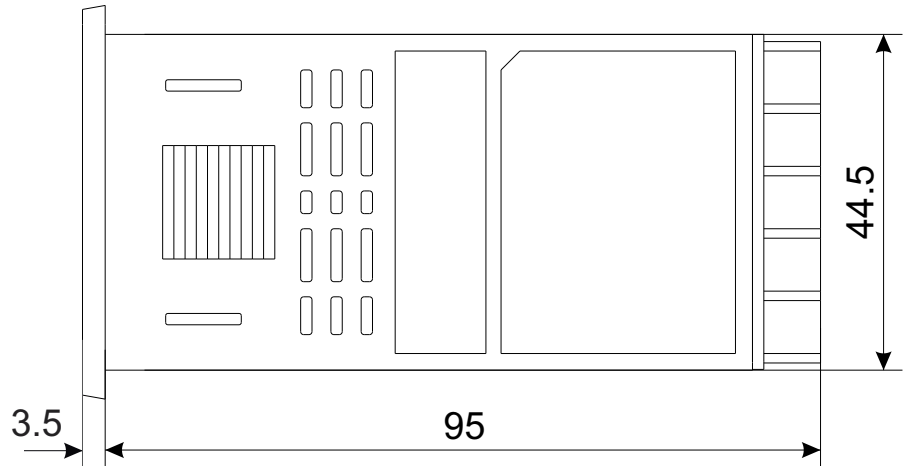
Mechanical Dimensions

Body Dimensions



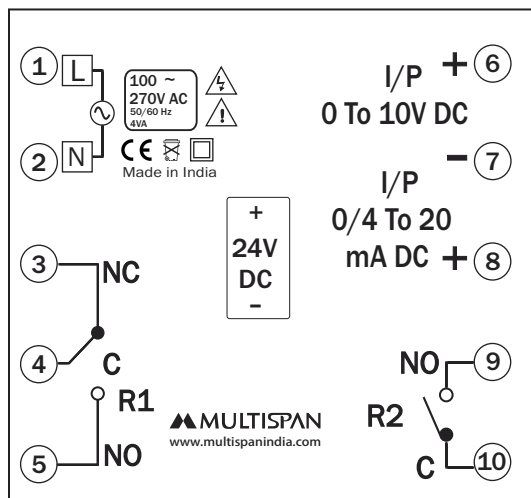
FRONT VIEW

All dimensions are in mm

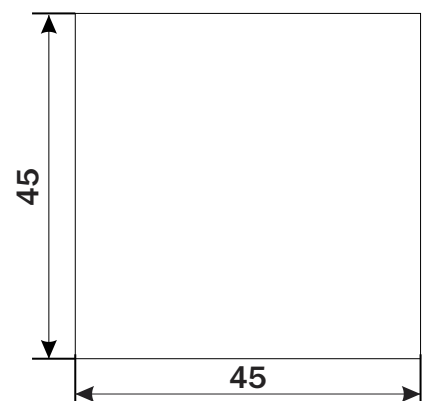


RIGHT SIDE VIEW

Connection Diagram



Panel Cutout



TECHNICAL DATA

Input	0-10V DC, 0-20mA DC, 4-20mA DC (Configurable)	
Range	-999 to 9999	
Output	Output 1	Relay 2 C/O, 5A@230V AC For Resistive Load or SSR 12V DC,20mA
	Output 2	24V DC Transmitter supply
Power Supply	100-270V AC, 50/60 HZ, Approx 4VA	

Input

Input Type	Analog	Voltage : 0-10V DC Current : 4-20mA DC 0-20mA DC
Display Range	-999 to 9999	
Accuracy	± 1% of FSD	
ADC Resolution	10 Bit	
Display Resolution	0.000, 00.00, 000.0, 0000	
Sample Time	600 msec	
Sample Rate For Analog I/P	0.1 Sec To 10 Sec (Configurable)	
CJC Error	± 2 °C	
Sensor Open	Analog: 4 to 20mA (Over)	
Sensor Burnout Current	1.10uA	
RTD Excitation Current	0.2mA	
CMRR	>120 dB (Typical)	
Max Voltage	20V DC	
Response Time	675mS	

Output

Relay Control Output	
Relay	2 Nos
Relay Type	1 Relay NO-C-NC, 2 Relay NO-C
Rating	Relay 1: 5A @230V AC/ 30V DC Resistive Load
Transmitter Supply	
Rating	24V DC @30mA

Power Supply

Standard	100-270V AC @ 50/60 Hz
Optional	24V DC
Consumption	4VA

Display, Keys & LED

Display	Upper	4 Digit 7 Seg 0.56" Red
	Lower	4 Digit 7 Seg 0.33" Green
Key	SET , INC , DEC , ENT	
LED	Relay 1 & Relay 2	

Environmental Characteristics

Working Temperature	0 to 55 °C
Storage Temperature	0 to 55 °C
Relative Humidity	95% RH Non-condensing
Warm up time	5 minutes
Ingress Protection	IP 65 (Front Side)

Mechanical Characteristics

Mounting Type	Panel Mount	
Dimension (HxWxD) mm	52 x 52 x 95	
Panel Cutout (HxW) mm	45 x 45	
Material	Body	Polycarbonate (PC)
Terminal Screw Size	M3.5	
Screw Torque (N.m)	0.5	
Wire Guage (AWG)	26-14	
Weight (Approx) gms	Unpacked : 165 Packed : 195	
Accessories	1 Mounting Clamp	