



8 CHANNEL SCANNER

MS-1208A

APPLICATIONS

Pharma & Chemical Industry application

Generator
Monitoring & Protection

Remote terminal unit (RTU) For SCADA

Compressor/Pump/DG set monitoring

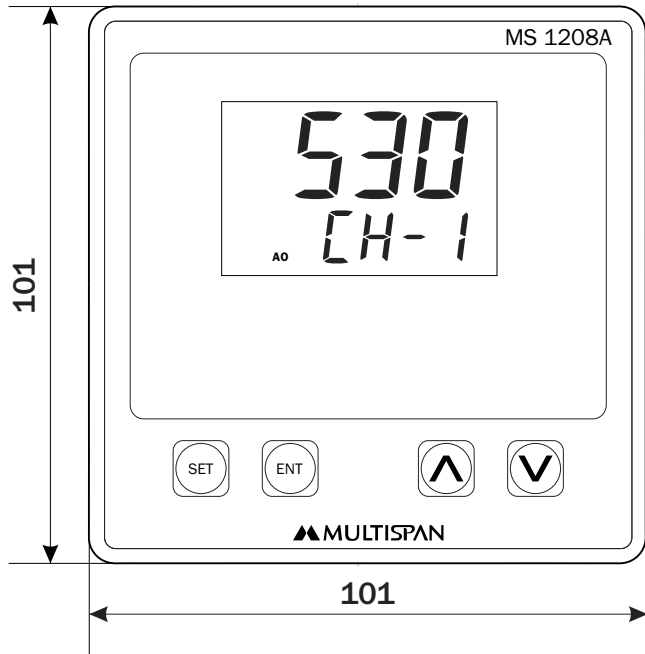
Machine Condition Monitoring

As a distributed I/O module
for interface with PLC/DCS/SCADA

Laboratory Equipment Monitoring

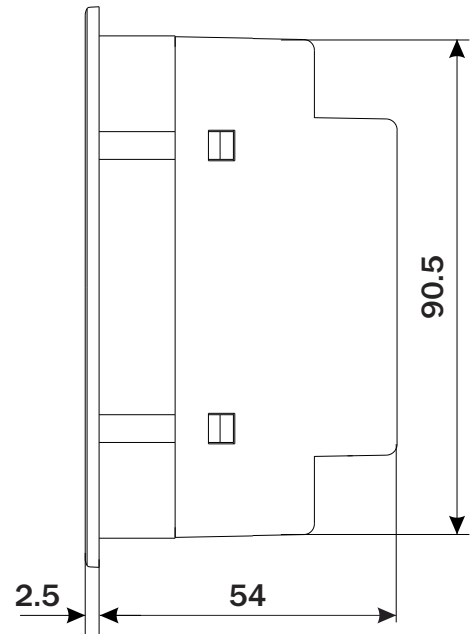
Mechanical Dimensions

Body Dimensions



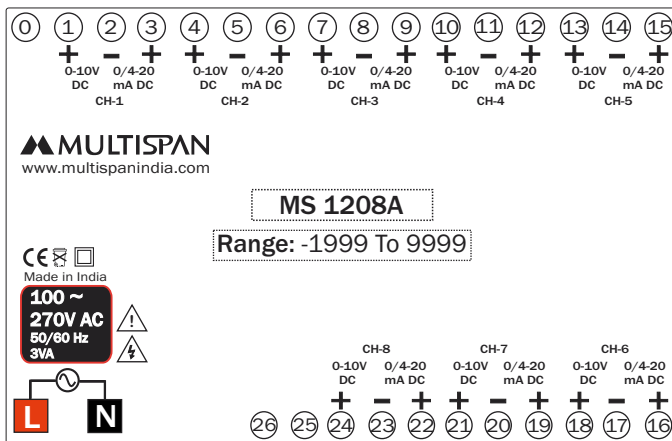
FRONT VIEW

All dimensions are in mm

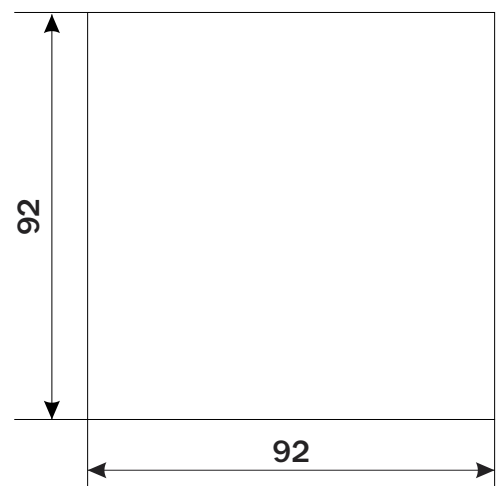


RIGHT SIDE VIEW


Connection Diagram



Panel Cutout



TECHNICAL DATA

Input		0 to 10V DC
	Analog	0 to 20mA DC
Range	-1999 to 9999 (DP Selectable)	
Power Supply	100 to 270V AC,50/60Hz,Approx 3VA	
Accuracy	± 1 % FSD	
Certification		

Input		
Input	Voltage	0 - 10V DC
	Current	0 - 20mA DC / 4 - 20mA DC
Range	-1999 to 9999	
ADC Resolution	12 Bit	
Display Resolution	Analog: 1	
Sampling Rate	250 mS / Channel	
0-10V DC, 4-20mA DC/ 0-20mA DC	± 1 % FSD	
CJC error	±3 °C	
T/C Burnout current	1.10uA	
CMRR	> 120 db (Typical)	
Input Impedance	> 1 M	
Max Voltage	20V DC	

Power Supply	
Standard	100 - 270V AC, 50/60Hz
Optional	24V DC
Consumption	3 VA

Display & Keys	
Process Value	Upper : 0.68" 4 Digit White LED 7 Segment Display
Channel No.	Lower : 0.43" 4 Digit Green LED 7 Segment Display
4 Controlling Keys for configuration and operation SET , ENT , INC , DEC	

Environmental Characteristics	
Working Temperature	0 to 55 °C
Storage Temperature	0 to 55 °C
Relative Humidity	95% RH Non-condensing
Ingress Protection	IP 65 (Front Side)

Mechanical Characteristics	
Mounting Type	Panel Mount
Dimension (HxWxD) mm	101 x 101 x 54
Panel Cutout (HxW) mm	92 x 92
Material	Body Enclosure
	Polycarbonate (PC) ABS
Terminal Screw Size	M3.5
Screw Torque (N.m)	0.5
Wire Gauge (AWG)	28-12
Weight (Approx) gms	Unpacked : 320 Packed : 375
Accessories	1 Pair of Mounting Clamps