



Load Cell Indicator

LD 1252A-M1

APPLICATIONS

Industrial feeding system

Filling machine

Testing Equipments

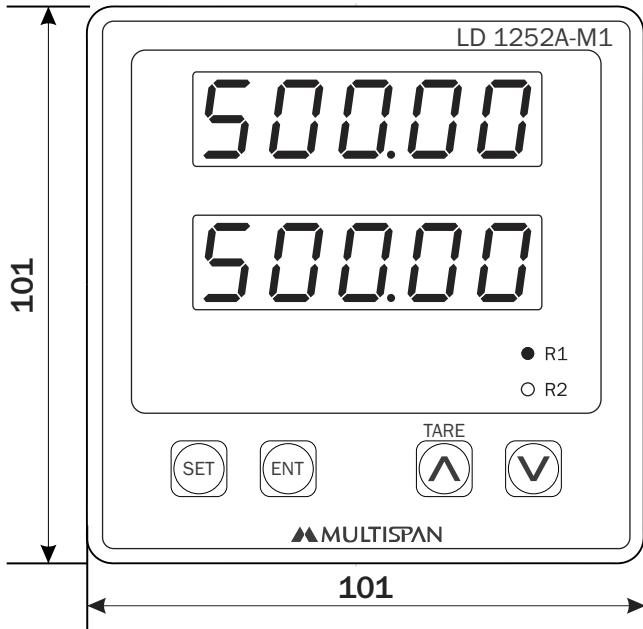
Pressure measurement

Weight based batch control system

Weight Indication

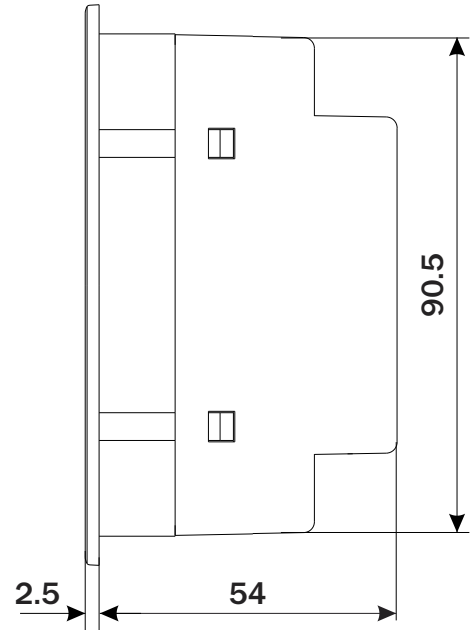
Mechanical Dimensions

Body Dimensions



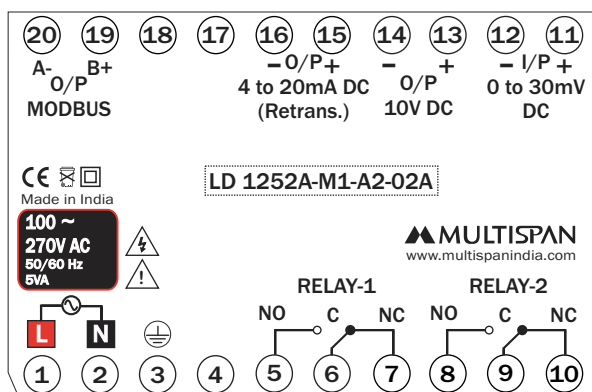
FRONT VIEW

All dimensions are in mm

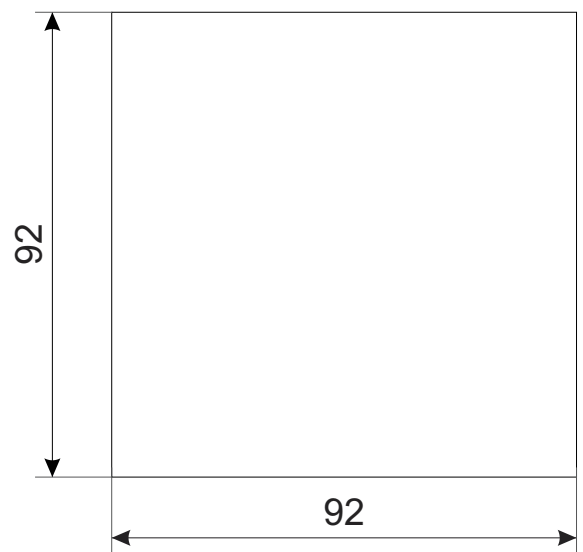


RIGHT SIDE VIEW

Connection Diagram



Panel Cutout



TECHNICAL DATA

Input	0 to 20mV DC / 0 to 30mV DC (Factory Set)	
Output	Output 1	2 Relay 1 C/O, 5A@230V AC
	Output 2	4 to 20mA DC / 0 to 10V DC (Factory Set)
	Output 3	RS-485 Modbus
	Output 4	10V DC Transmitter Supply
Power Supply	100 to 270V AC,50/60Hz, Approx 5VA	

Input

Input	0 to 20mV DC ,2mV/V for 10V DC Excitation 0 to 30mV DC , 3mV/V for 10V DC Excitation
Connection	4 wire technology
Accuracy	1% FSD

Output

Excitation	10V DC at 100Ω, max 25mA
Relay	Up to 1 Relay (NO - C - NC) @5A, 230V AC
Communication	RS 485 RTU Modbus
Re-Transmission	4 to 20mA DC, 0 to 10V DC

Display

Display	Upper	5 Digit 7 Seg Red Led 0.56"
	Lower	5 Digit 7 Seg White Led 0.56"
Status Indicator	Weight Indication	
Keys	SET, INC, DEC, ENT	
Decimal Point	Selectable	

Power Supply

Standard	100 to 270V AC,50/60Hz
Consumption	5VA

Scale Calibration

Calibration	Calibration with Weight
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Environmental Characteristics

Operating Temperature	0 to 55°C
Storage Temperature	0 to 70°C
Humidity	95% RH Non-condensing
Protection Level	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	Front Enclosure Polycarbonate (PC) ABS
Terminal Screw Size	M3.5
Screw Torque (N.m)	0.5
Wire Gauge (AWG)	26-14
Weight (Approx) gms	Unpacked : 260 Packed : 315
Accessories	1 Pair of Mounting Clamps