



LENGTH COUNTER

LC-1046D

APPLICATIONS

Textile Industries

Pipe Extrusion Machine

Printing Machinery

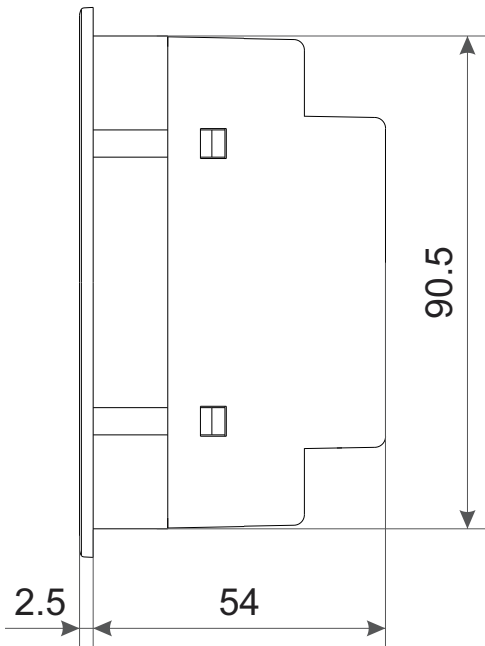
Mechanical Dimensions

Body Dimensions



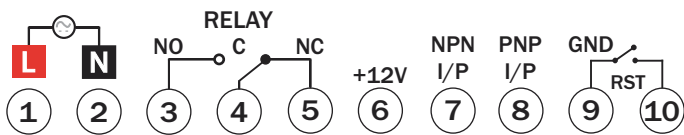
FRONT VIEW

All dimensions are in mm

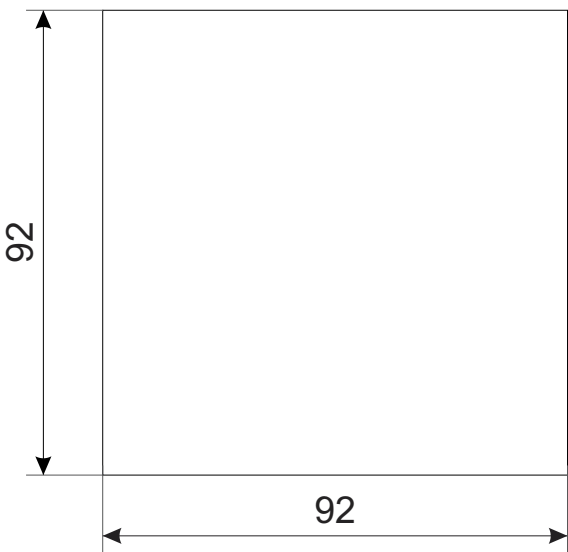


RIGHT SIDE VIEW

Connection Diagram



Panel Cutout



TECHNICAL DATA

Input	NPN/PNP Proximity Switch (Configurable) Encoder (Factory Set)
Range	0-999.999 / 0-9999999 Meter (Configurable) MPM :- 00.01 to 9999 MPM
Output	1 Relay 1 C/O, 5A, 230V AC SSR 12V DC Parallel (Any one factory set)
Operating Mode Diameter Memory Reset	999.9 MPM, DP Auto Shift 0-9999.99 MM Non-Volatile Memory Auto/ Manual reset facility & front and back reset facility
Power Supply	100 to 270V AC/DC, 50/60Hz, Approx 2.5VA

Input	
Sensor Type	NPN/PNP
Input Type	Proximity , Micro switch
Input Speed	3Hz, 30Hz 500 Hz
Accuracy	±10mm Full Scale

Output	
Sensor Supply	Inbuilt 12V DC, 30mA
Relay Contact	1 C/O
Contact Rating	5A @ 230V AC

Auxiliary Supply	
Supply Voltage	100 to 270V AC/DC, 50/60Hz
Power Consumption	2.5VA

Functional Specifications	
RLY Modes	Delay On
Range	000.001 to 9999999 MTR
Resolution	1 mm
Counting Direction	UP / DOWN Selectable
Set Point	1
Scale Factor	Diameter and PPR
Reset	Front and Remote
Memory Retention	YES

Display	
Display	Upper :- 4 Digit 7 seg 0.56" Red LED Display LOWER :- 4 Digit 7 seg 0.4" Green LED Display
LED Status	Relay Indication LED

Keys	
4 controlling keys for configuration and operation SET/ENT, SHIFT, UP, RESET	

Environmental Characteristics

Working Temperature	0 to 55°C (32°F to 122°F)
Storage Temperature	-20°C to 75°C (-4°F to 197°F)
Relative Humidity	95% RH Non-condensing
Protection	IP 65 (Front Side) as per requirement

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 : 200 Packed : 255
Accessories	1 Pair of Mounting Clamps