Johannesburg Branch
MIMIC COMPONENTS
Cape Town Branch
Mimic Cape

MULTISPAN



LENGTH COUNTER

LC-1046D

APPLICATIONS

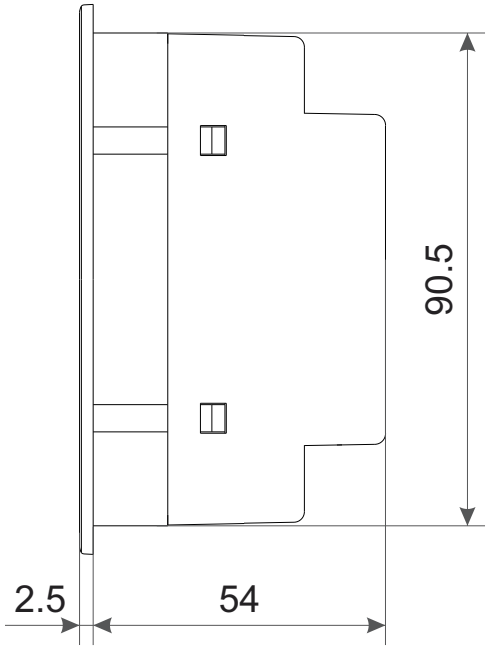
- Textile Industries
- Pipe Extrusion Machine
- Printing Machinery

Mechanical Dimensions

Body Dimensions



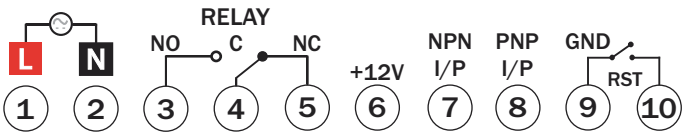
FRONT VIEW



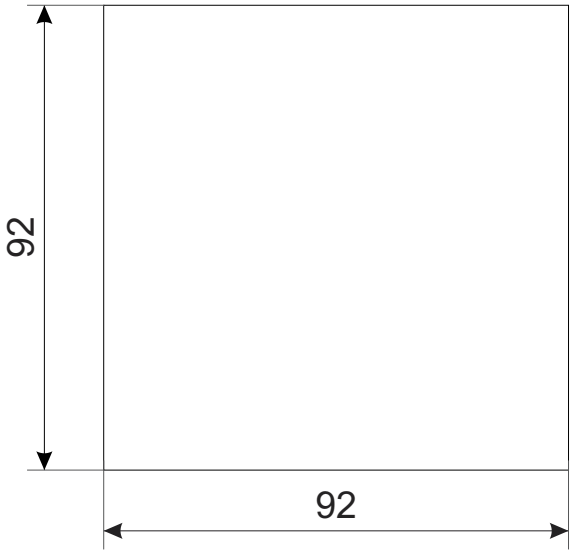
RIGHT SIDE VIEW

All dimensions are in mm

Connection Diagram



Panel Cutout



TECHNICAL DATA

Input	NPN/PNP Proximity Switch (Configurable) Encoder (Factory Set)
Range	0-999.999 / 0-999999 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

Functional Specifications	
RLY Modes	Delay On
Range	000.001 to 999999 MTR
Resolution	1 mm
Counting Direction	UP / DOWN Selectable
Set Point	1
Scale Factor	Diameter and PPR
Reset	Front and Remote
Memory Retention	YES

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

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	Polycarbonate (PC)
	Enclosure	ABS
Terminal Screw Size		M3.5
Screw Torque (N.m)		0.5
Wire Guage (AWG)		26-14
Weight (Approx) gms		Unpacked : 200 Packed : 255
Accessories		1 Pair of Mounting Clamps