



LENGTH COUNTER

LC-3006

APPLICATIONS

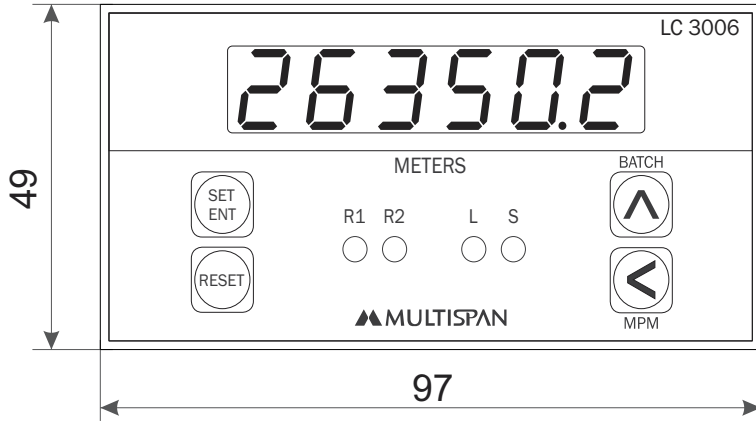
Textile Industries

Pipe Extrusion Machine

Printing Machinery

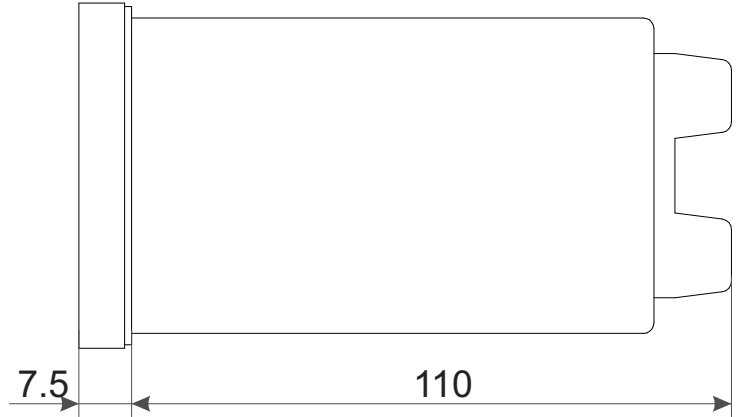
Mechanical Dimensions

Body Dimensions



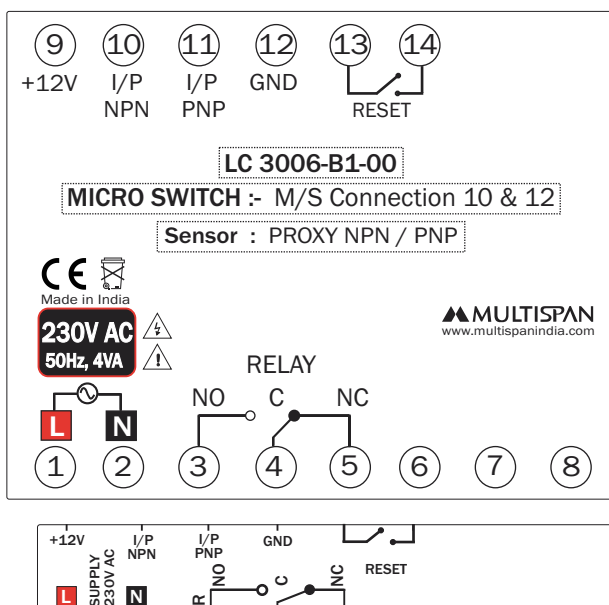
FRONT VIEW

All dimensions are in mm

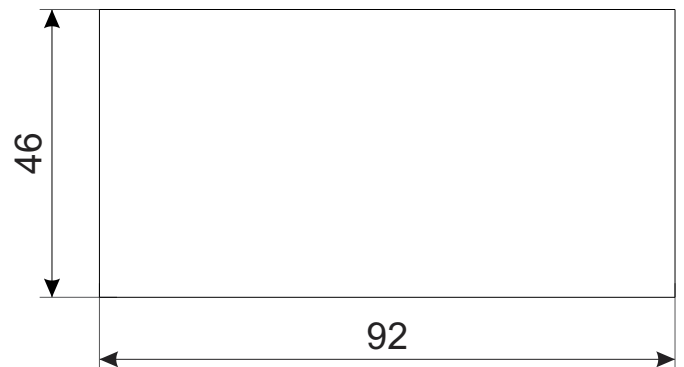


RIGHT SIDE VIEW

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	999.9 MPM
Diameter	0-9999.99 MM
Memory	Non-Volatile Memory
Reset	Auto/ Manual reset facility & front and back reset facility
Power Supply	230V AC,50Hz, Approx 4VA

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

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 Back
Memory Retention	YES

Auxiliary Supply	
Supply Voltage	230V AC
Power Consumption	4VA

Display	
Display	6 Digit 7 seg 0.40" Red 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 (As per request)	IP 65 (Front Side)

Mechanical Characteristics

Mounting Type	Panel Mount
Dimension (HxWxD) mm	49 x 97 x 110
Panel Cutout (HxW) mm	46 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 : 330 Packed : 390
Accessories	1 Pair of Mounting Clamps