



LENGTH COUNTER

LC-445

APPLICATIONS

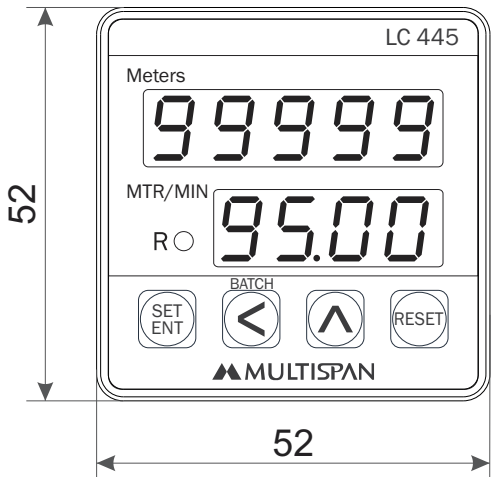
Textile Industries

Pipe Extrusion Machine

Printing Machinery

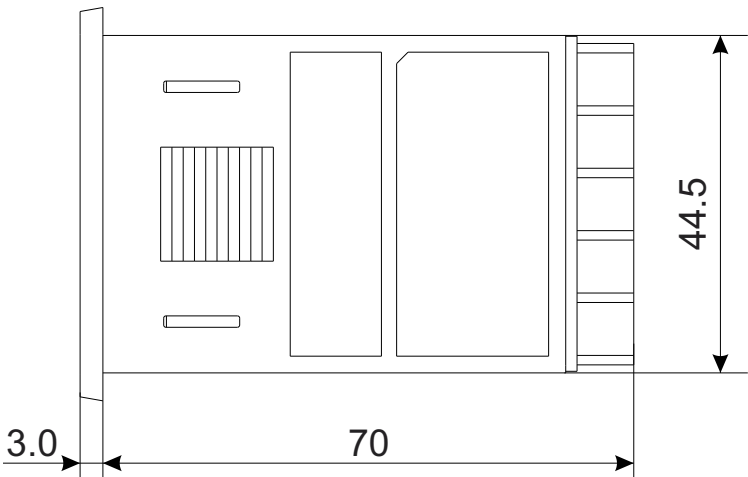
Mechanical Dimensions

Body Dimensions



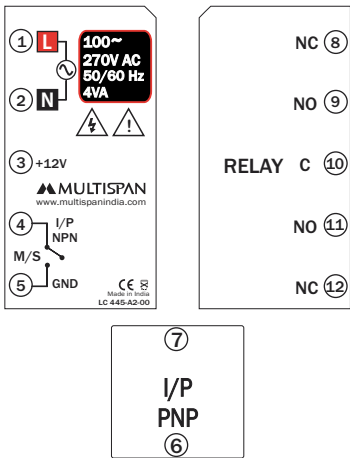
FRONT VIEW

All dimensions are in mm

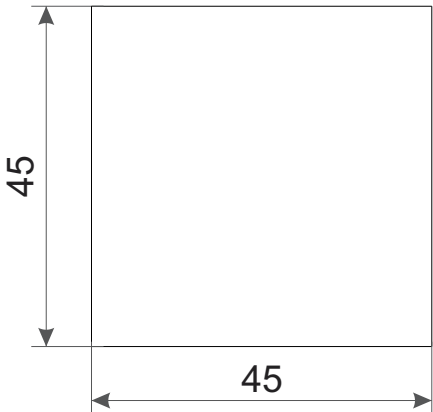


RIGHT SIDE VIEW

Connection Diagram



Panel Cutout



TECHNICAL DATA

Input	NPN/PNP Proximity Switch (Configurable) Encoder (Factory Set)
Range	0-99999.9 / 999999 / 9999.99 / 999.999 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	100-270V AC, 50/60 HZ
Certification	

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	100-270V AC, 50/60 HZ
Power Consumption	4VA

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

Display

Display	Upper :- 6 Digit 7 seg 0.30" Red LED Display LOWER :- 4 Digit 7 seg 0.30" 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 (As per request)	IP 65 (Front Side)

Mechanical Characteristics

Mounting Type	Panel Mount
Dimension (HxWxD) mm	52 x 52 x 70
Panel Cutout (HxW) mm	45 x 45
Material Body	Polycarbonate (PC)
Terminal Screw Size	M3.5
Screw Torque (N.m)	0.5
Wire Gauge (AWG)	26-14
Weight (Approx) gms	Unpacked : 145 Packed : 175
Accessories	1 Pair of Mounting Clamps