



LC-1058 Flow Totalizer

Product: LC-1058

Product Overview

The **LC-1058 Flow Totalizer** is a digital flow measurement and totalizing instrument designed for applications requiring simultaneous monitoring of **Total Meters** and **MTR/MIN**. It supports **NPN/PNP proximity sensor inputs**, front-panel and terminal reset options, and **RS-485 Modbus communication**.

Key Features

- NPN/PNP proximity sensor input
- Individual display for **Total Meter** and **MTR/MIN**
- Selectable decimal point for Total Meters
- Automatic decimal-point shifting for MTR/MIN
- Non-volatile memory
- Front-panel and back-terminal reset
- 1 × relay output with NO-C-NC contacts
- RS-485 Modbus communication
- Compact 96 × 96 mm panel-mount design
- IP-65 protection on front side



Applications

- Textile Industries
- Pipe Extrusion Machines
- Printing Machinery

Technical Specifications

Parameter	Specification
Input	NPN/PNP Proximity
Total Meter Resolution	Decimal point selectable
MTR/MIN Resolution	Decimal point auto shift

Parameter	Specification
-----------	---------------

Total Meter Range	0–99,999,999 Total Meters
-------------------	---------------------------

MTR/MIN Range	0–99,999 MTR/MIN
---------------	------------------

Display & Keys

Upper Display	8-digit, 7-segment, 0.5" Red — Total Meter
---------------	--

Lower Display	5-digit, 7-segment, 0.4" Green — MTR/MIN
---------------	--

Keys	SET, ENT/RST, SHIFT, UP
------	-------------------------

Dimensions

Instrument Size	96 (H) × 96 (W) × 54 (D) mm
-----------------	-----------------------------

Panel Cutout	92 (H) × 92 (W) mm
--------------	--------------------

General Specifications

Memory	Non-Volatile
--------	--------------

Reset Options	Front Panel Reset & Back Terminal Reset
---------------	---

Output Specifications

Relay Output

Number of Relays	1
------------------	---

Relay Type	1 C/O (NO-C-NC)
------------	-----------------

Contact Rating	5A, 230V AC
----------------	-------------

Modbus Output

- **Communication:** RS-485 Modbus

Auxiliary Supply

Supply Voltage	100–270V AC/DC
----------------	----------------



Parameter Specification

Frequency	50–60 Hz
Power Consumption	Approx. 5 VA @ 230V AC MAX
Environmental Conditions	
Parameter	Specification
Operating Temperature	0°C to 55°C
Relative Humidity	Up to 95% RH, non-condensing
Protection Level	IP-65, front side
Standard	IS/IEC 60529:2001



Product Summary

LC-1058 Flow Totalizer

A compact digital totalizer for industrial flow and length measurement, providing simultaneous **Total Meter** and **MTR/MIN** indication, relay control, and RS-485 Modbus communication.

Panel Size: 96 × 96 mm

Supply: 100–270V AC/DC

Input: NPN/PNP Proximity

Communication: RS-485 Modbus

Front Protection: IP-65

JHB Branch
Mimic Components, Address: 5 Ramsay Street, Booysens, 2091, Johannesburg. Switchboard: +27(0)11-689-5700 | WhatsApp: 071-979-9999
PO Box 38493, Booysens, 2016, Johannesburg, South Africa. Email: info1@mimiccomponents.co.za | Website: www.mimiccomponents.co.za

Cape Branch
Mimic Cape. Address: Unit 41A, Stella Park, 57 Stella Road, Montague Gardens, 7441, Cape Town. Switchboard: +27(0)21-551-8185
WhatsApp: 071-979-9999. Po Box 36955, Chempet, 7442, Cape Town, South Africa. Email: info@mimic-cape.co.za | Website: www.mimic-cape.co.za