

Flow Totalizer

Real-Time Production and Speed Monitoring



In modern factories, knowing how much pipe has been produced and how fast the production line is running is important for maintaining smooth and efficient operations. The LC-1058 Flow Totalizer is a compact digital instrument that makes this task simple. It combines a total length counter and a real-time speed indicator in one easy-to-read panel meter.

The LC-1058 can measure production using NPN or PNP proximity sensors. Its upper 8-digit red display shows the total length produced, up to 99,999,999 meters, while the lower 5-digit green display shows production speed up to 99,999 m/min. While its 96 × 96 × 54 mm panel-mount design saves space, the decimal-point selection and automatic decimal shifting makes it suitable for different production requirements. It also supports RS-485 Modbus communication, allowing production data to be sent to a PLC or monitoring system for automatic recording and process control.

Furthermore, a relay output provides additional control options. With features like IP65 front protection, a non-volatile memory, front and rear reset options, and a wide 100–270V AC/DC power supply, this device is built for demanding industrial environments. Factories are enabled to improve production visibility, production efficiency, process control, and operator response.

Suitable for varied applications such as textile machines, pipe extrusion lines, and printing machinery.

Example of PVC Pipe Production:

Consider a factory producing PVC water pipes. As the pipe continuously moves through the extrusion machine, a proximity sensor detects its movement and sends signals to the LC-1058. The meter can show that 2,500 meters of pipe have been produced while the production speed is 20 m/min. If the speed suddenly drops to 12 m/min, the operator can immediately see that production has slowed. They can then check the extrusion machine and identify possible problems before they cause major downtime.

Contact us for more information on Flow Totalizers.

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