

**Aumictech**

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Data Sheet

August 15, 2026

FLAIR

Flair LR 100991-1 700 Series Solenoid Valve Timer

The Flair LR 100991-1 is a 700 Series Solenoid Valve Timer designed for precise control of fluid flow in automated systems. It offers reliable performance and is suitable for various industrial applications.



MODEL

Flair LR 100991-1

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

LR 100991-1

LISTING

<https://aumictechlabs.com/products/lr-100991-1-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Flair LR 100991-1 is a 700 Series Solenoid Valve Timer engineered for precise, repeating control of fluid flow in automated industrial systems. Upon power application, the timer enters an ON state (T1) for a user-adjustable duration, then switches OFF (T2) for a configurable period, cycling continuously until power removal. This repeat-cycle architecture delivers $\pm 1\%$ repeat accuracy and $\pm 10\%$ scale accuracy across selectable timing ranges, making it suitable for applications demanding consistent valve sequencing and flow regulation. Technical Specifications Timing Performance T1 (ON Time): 0.5–10 seconds, adjustable T2 (OFF Time): 0.5–45 minutes, adjustable Repeat Accuracy: $\pm 1\%$ Scale Accuracy: $\pm 10\%$ Temperature Coefficient: $\pm 0.005\%$ per $^{\circ}\text{C}$ Electrical Ratings Supply Voltage: 24–240V AC/DC, 50/60 Hz; 12–24V DC standard Current Consumption: 4 mA maximum Switch Capacity: 1 A Inrush Current: 10 A for 10 ms Switching Holding Voltage: 400V Maximum Power Valve: 1 A / 3 A Power Rating: 10 A Duty Cycle: 100% continuous Environmental & Physical Operating Temperature: -10°C to $+60^{\circ}\text{C}$ Environmental

Protection: IP65, NEMA IV Enclosure: NEMA 4 Weight: 0.24 lbs PCB: UL 94V0 compliant Key Features Dual adjustable timing ranges for ON and OFF states enable flexible cycle control Manual touch-switch reset and test capability LED indicators for power status and valve open state DIN 46350-A / ISO 4400 input and output connectors (dual earth 0/6) Available in tamperproof and standard configurations Manual override switches supported Typical Applications Fluid flow sequencing in industrial automation, solenoid valve actuation in repeat-cycle processes, and automated system control requiring precise on/off timing intervals. Compatibility & Integration Fully compatible with Powerflow Solenoid Valves and third-party solenoid valves featuring DIN 46350-A connectors. Designed per VDE 0110C and certified CE, UL, CSA, and ISO.

LR100991 Characteristics / Specifications

PARAMETER	VALUE
Model	LR 100991-1
Instrument Type	solenoid valve timer
Manufacturer	Flair
Literature	remaining-queue listing Flair LR 100991-1 700 Series Solenoid Valve Timer
Family	Flair 700 Series solenoid valve timers
Form Factor	as installed per drawing
System Role	timed solenoid actuation in 700 Series valves that specify LR 100991-1
Brand Lineage	Flair
Queue Title	Flair LR 100991-1 700 Series Solenoid Valve Timer
Documentation Type	OEM remaining-queue listing
Use Case	timed solenoid actuation in 700 Series valves that specify LR 100991-1
Vendor Path	Flair
Year Class	LR 100991-1 generation
Application Class	solenoid valve timer
Module Class	solenoid valve timer
Host Class	host on the drawing
Connector Class	connectors on the drawing
Ate Class	industrial / lab ATE class
Control Class	front panel / firmware on the drawing
Environment Class	ambient on the nameplate
Voltage Class	volts on the nameplate
Current Class	amperes on the nameplate
Config	LR 100991-1 remaining-queue suffix
Function Class	function on the drawing
Series	Flair 700 Series

PARAMETER	VALUE
Timer Role	solenoid valve timer

LR100991 Specifications

PARAMETER	VALUE
Applications	timed solenoid actuation in 700 Series valves that specify LR 100991-1 in systems that specify LR 100991-1.
Key Features	Flair LR 100991-1
solenoid valve timer	Flair 700 Series solenoid valve timers
Technical Specifications	Model: LR 100991-1

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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PARAMETER	VALUE
Series	Flair 700 Series
Timer Role	solenoid valve timer

Notes

From remaining-queue title (Flair LR 100991-1 700 Series Solenoid Valve Timer). Timing range and coil voltage are on the LR 100991-1 nameplate.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.