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Product Description Sheet

Loctite® In Line Flow Monitor

Part # 97211

North American Equipment, February, 2004

PRODUCT DESCRIPTION

The Loctite® In-line Flow Monitor when integrated with the Loctite® Single Channel Automatic Controller, #97123, provides effective monitoring of dispense cycle performance. The Loctite® In-Line Flow Monitor amplifies a pressure signal from a dispense valve, and relays it to the Controller to be compared against preset dispensing tolerances. An error alarm will be sent by the Controller when dispense events deviate by more than the pre-set tolerance. The system will not allow another dispense cycle to occur until the error is cleared by an operator or external control source. The system can be used as an independent operator controlled work station or interface to an external PLC



PRODUCT FEATURES

(When integrated with the Loctite® Single Channel Automatic Controller –Item 97123)

- Effective dispense monitoring to detect
 - air bubbles,
 - clogged or broken needles
 - needle- substrate contact
 - changes in amount of adhesive dispensed
- 3 pre-set dispense tolerances that are selectable on the Controller
- Dispense tolerances can be customized from 1% to 99%
- PLC or PC integration is possible to provide SPC data analysis.

Technical Data

- Power Input: 24VDC
- Power output 1-10V
- Dimensions 3'W x 5.5" H x 2.25" D
- Weight . 5 lbs.

List of Parts Supplied

- (1) 97211 In-line Monitor
- (1) 4-pin connection cord to Controller
- (1) Operating Manual

Required Accessories

<u>Item name</u>	<u>Item Number</u>	<u>Description</u>
Single Channel Automatic Controller	97123	Provides dispense control and tolerance monitoring
Sensor Cable (0-50psi)	8965008	Pressure sensing cable for dispense valve interface
Valve Body Adapter	97200	Valve Body adapter for Loctite® Dispense Valves 98009 or 98013
or		
Valve Body Adapter	97295	Valve Body adapter for Loctite® Dispense Valves 97113 or 97114

NOT FOR PRODUCT SPECIFICATIONS

PLEASE CONTACT LOCTITE CORPORATION FOR ASSISTANCE: 1-800-LOCTITE (1-800-562-8483)

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