

Delta Pressure Sensor

The LS-DP-100 Lynx Delta Pressure Sensor is a machine or mold mounted differential pressure sensor designed to be used with the eDART System™. The sensor measures the difference in coolant pressure between the mold inlet and outlet. This provides information about the cooling capability and consistency supplied to the molded part.

As a Lynx device, the Delta Pressure Sensor will automatically identify itself to the eDART System™. Changes in the coolant pressure loss across the mold indicates a change in the fluid flow through the cooling system. Some of the most common causes of changes in cooling flow include forgetting to turn on the thermolater, improper connection of the cooling lines, loss of system pressure and flow line blockage in the mold. The Delta Pressure Sensor is a simple and inexpensive way of detecting these changes immediately.

Features and Benefits

- Can be set to alarm if the cooling lines are not turned on
- Automatically detected by the eDART System making installation easy
- Monitoring the cooling system allows for better process consistency
- Ability to set alarms, know immediately when something changes

Specifications

- Maximum pressure at either port: 150 psi (10.3 bar).
- Maximum measurable difference: 100 psi (6.88 bar).
- Maximum Case Temperature: 140 °F (60 °C).
- Maximum Coolant Temperature: 180 °F (82 °C).
- Accuracy: 2%
- Zero: 0.1 %
- Pressure Input Connections: 1/4-18 NPT



RJG, INC.

3111 Park Drive
Traverse City, MI 49686
USA
231.947.3111

RJG (S.E.A.) Pte Ltd
83 Genting Lane #05-02A
Genting Building
Singapore 349568
+65.6846.1518

RJG France
Maison des entreprises
180, rue Pierre & Marie Curie
01100 Bellignat FRANCE
33 6 60 46 32 16