

eDART flx™

What you want.

Modular Process Control

Imagine a process control system that has specific capabilities chosen by you; no more, no less. Imagine that same system engineered with the goal of "Helping Molders Succeed". Without the clutter of unneeded software and hardware, it would be easier to use and less expensive. It would also enable injection molders to focus on making plastic parts, by having intuitive set-up and operation. And best of all it would be upgradable meaning that as your needs grow so does the system. Our eDART flx™ – modular process control system, is that system.

The initial module of the new eDART flx provides users with the ability to view in-cavity behavior such as pressure and temperature, in order to detect short shots before the mold opens. The system is designed for a maximum of 8 cavity pressure and temperature sensors. Data collected from the eDART flx allows processors to set alarm bands to catch short shots and contain them. To ensure proper part diversion, the eDART flx software can be set to control the timing of conveyors, flippers or robots, eliminating the need to manually hand sort each part.

Lynx™ Smart Sensors

When RJG began development of the eDART System, we started by developing a sensor with an intelligence like no other on the market.

- Critical calibration information is embedded in the sensors circuitry.
- Lynx sensors are digital, greatly reducing their susceptibility to noise and eliminating signal loss problems associated with low-level signals and long cable lengths.
- When a Lynx sensor is plugged into the system, it already knows what type of sensor it is and can be programmed to know which mold or machine it is attached to.
- Plug & play automatic sensor recognition means less training to use the system, quicker set-up to implement the system and assurance that the sensors will always be correctly connected.
- The sensor knows when it needs to be calibrated to conform to ISO, QS or other required quality standards.
- Lynx sensors are self diagnostic, with built-in fault detection circuitry.



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