

Easily Interface to Multiple Strain Gage Sensors

This low profile, robust hardware system simplifies in-mold installations for molds with four or more sensors while saving real estate on the mold. The multi-channel cavity pressure solution, unique to RJG, allows injection molders to connect up to eight strain gage sensors to one connection point on the mold. Injection molders who want to reduce the footprint of hardware on their molds and/or save costs over other multi-cavity sensor solutions in the industry can now use RJG's Multi-Channel Strain Gage solution.

The system is comprised of four components: the sensors, a plate mounted to the mold (SG-8), the Lynx™ Strain Gage Adapter (SG/LX8-S-ID), and a connecting cable (C-SG/LX8-S-IM). The adapter resides on the molding machine, allowing it to be connected to multiple molds, thereby reducing cost. This high resolution adapter also allows the use of higher force MCSG sensors with smaller pins, making the sensor selection process easier—almost a one-size-fits-all solution. A Lynx cable then connects the adapter to the eDART System™.

Features and Benefits:

- Save costs over other multi-cavity sensor solutions in the industry
- Reduced footprint of hardware on multi-cavity molds
- Low profile and robust
- Simplified in-mold installation
- Ideal for 8, 16, and 32 cavity molds

Available SG Sensors

Size	Force Rating
6mm	50, 250*
1/2"	125, 500, 2000
5/8"	4,000
*250 lb. to be released	

