

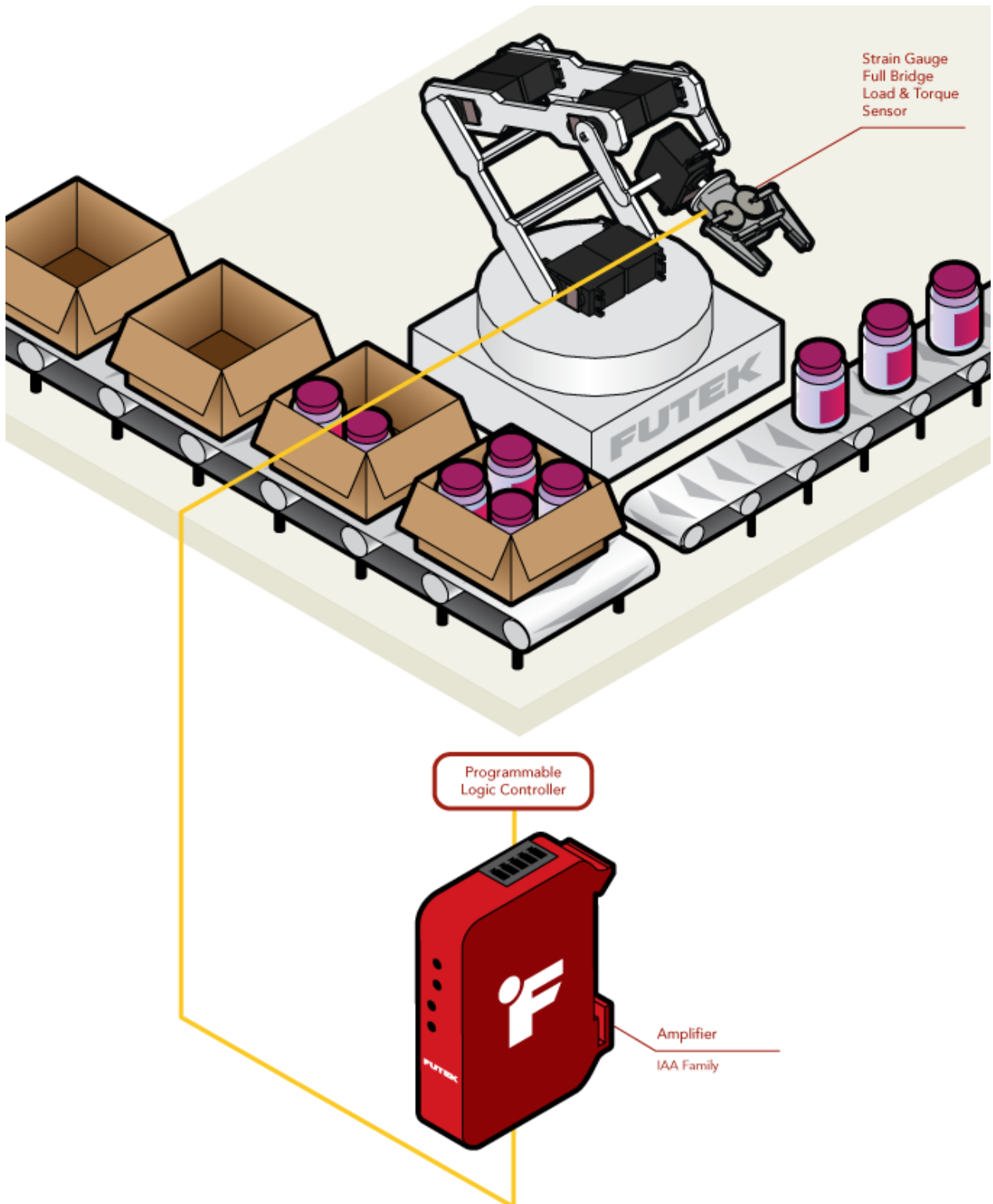


应用概述

工业机器人使流水线更加高效和可靠。与一个测量装置配对，操作人员可以使用新的 IAA 信号调理器向逻辑控制器发送纯净的信号，以控制装配线机械的速度和位置。

使用产品

一个应变式、全桥多轴传感器测量力和扭矩，搭配 IAA100 放大器（电压输出）或 IAA200 放大器（电流输出）。



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U.S. Manufacturer



使用说明

1. In order to automate an industrial robotic arm, control engineers will program a PLC to specify response triggers。
2. In the above diagram, a full-bridge strain-gauge-based load and torque sensor resides within the claw of the robotic arm measuring torque and load of an objectl。
3. The IAA Series amplifies a mV/V signal coming from the strain-gauge-based sensor.
4. The output of the IAA amplifier will produce an accurate and low noise signal to the PLC to complete the feedback loop. (Because this application is utilizing a multiple channel sensor, the operations engineer will require one IAA amplifier per channel output.)。



IAA100

应变式放大器

IAA200

应变式放大器