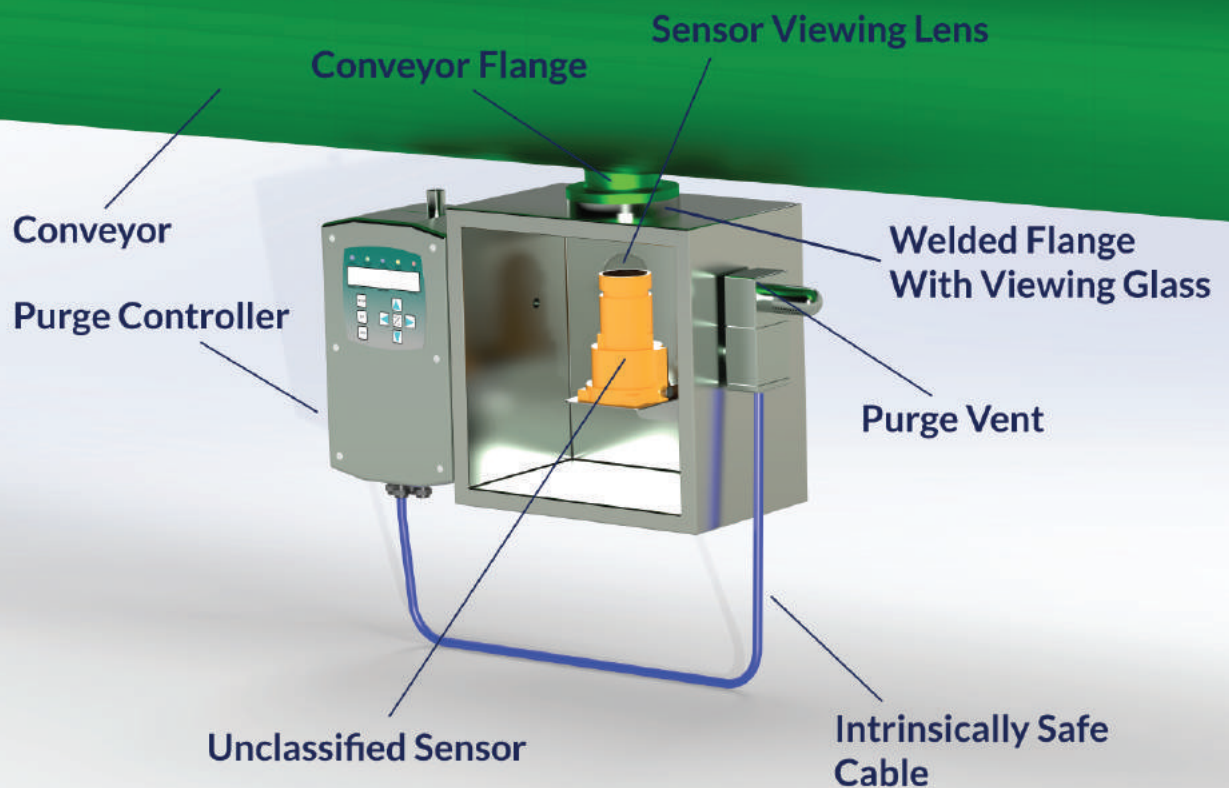


# NEED TO USE YOUR IR/NIR SENSORS OR ANALYZERS IN HAZARDOUS LOCATIONS?



IF SO, THE ENGINEERS AT CONTROL ASSEMBLIES HAVE CREATED AN INNOVATIVE SOLUTION FOR THE NORTH AMERICAN MARKET.



Many industries require the use of inline product analyzers using infrared or near infrared technology to monitor the properties of conveyed product. The analyzers or sensors mount directly to the conveyor, duct, or pipe with customized mounting flanges.

At times the mounting location is classified under the traditional North American Class I, II, or III, Division 1 or 2 Hazardous Location designations. Many of these sensors and analyzers often come from overseas and do not have the ratings to pass inspection in North America.

Control Assemblies provides solutions that meet NFPA hazardous location requirements by housing the analyzing equipment in a custom purged enclosure with a welded mating flange that contains a viewing window or site glass. UL Listing or ETL Certification can be provided upon request.



## AUTOMATION CHALLENGES. CONTROL ASSEMBLIES SOLUTIONS.

Control Assemblies has served the industrial automation market since 1966 by designing and building control systems for both the process and material handling industries. As a system integrator, we have extensive experience in electrical design, PLC, computer, barcoding, data collection, pneumatic, and electromechanical technologies.

Control Assemblies takes on new challenges and provides high-end engineering solutions to meet our customer's complex needs. With 24/7 technical support, we ensure your new control system consistently provides the solutions your business requires.

### Worldwide Compliance



- UL508A listed, UL File #E65481
- UL698A listed for Intrinsic Safety, UL File #E228579
- UL listed for Hazardous Locations, UL File #E258042
- cULus for above listings to meet all of North America
- ISO 9001:2015 Certified Quality Management System
- Designing and delivering CE marked panels since 1995 under EN 61439 and EN 60204 for the European Union
- Designing and delivering IEC 61439 compliant panels for countries outside of the European Union

### Industries Served

- Agriculture
- Air Handling & HVAC
- Food & Beverage
- Material Handling
- Power & Energy
- Transportation
- Water/Wastewater

MINNEAPOLIS, MN | KANSAS CITY, KS

[controlassemblies.com](http://controlassemblies.com) | 763.557.9711 | [sales@controlassemblies.com](mailto:sales@controlassemblies.com)

