

PLANTCRUISE BY EXPERION®

PlantCruise By Experion®

PlantCruise by Experion® is based on Honeywell's award-winning Experion Process Knowledge System (EPKS) built to efficiently meet the needs of Honeywell users.

Overview



Feedback

Overview

PlantCruise by Experion® is based Honeywell's proven Experion Process Knowledge System (PKS) technology and designed to efficiently meet the control system needs of variety of industrial applications. It provides an integrated platform with comprehensive connectivity, advanced HMI and tools, and software enabled solutions delivering operational efficiencies and new business outcomes.

What Is It?

PlantCruise is the perfect platform for users to extend their scope at any time from process control and management to include personnel and assets, and to even integrate the resources of their entire business operations.

PlantCruise offers proven technology with the right agility for greater reliability and advanced control:

- Provides flexible control platform options based on Series 8 and ControlEdge for improved fit across various industrial applications
- Includes model-based advanced predictive control technology for loop-control optimization
- Ensures no "loss of view" of the core process through Experion Direct Connect Station
- Utilizes Honeywell's patented Fault Tolerant Ethernet (FTE) capability ensures greater reliability
- Employs IT-enabled solutions for improved performance and operations (e.g., virtualization, data mobility, remote operations)
- Changes control process verification for regulatory compliance
- Simplifies engineering and maintenance functionality

How Does It Work?

PlantCruise by Experion offers an integrated control package based on state-of-the-art controllers and technology, which enable seamless, plant-wide control and improved connectivity. The key features of this solution include:

- Built-in function blocks and pre-built templates
- Rich function libraries to easily create control strategies
- Support for Custom Algorithm Blocks (CABs) and application development to suit industry and application-specific requirements
- User-friendly tools such as Control Builder, Enhanced Bulk Builder, Quick Builder, Smart Reporting and HMIWeb Solution Pack
- Simple Human Machine Interface (HMI) including Abnormal Situation Management (ASM®) Consortium-compliant displays

- Alarm management tools such as alarm shelving, alarming tracker, and dynamic alarm suppression

These features make PlantCruise quick to implement, effortless to use and easy to maintain. Users can greatly reduce the time required to engineer controls and displays, configure reports, and build interfaces. In addition, PlantCruise makes it easier for operators to run the plant by giving them the information they need to make timely decisions without cluttering their view of the process.

What Problems Does It Solve?

PlantCruise by Experion is a proven Distributed Control System (DCS) leveraging the Experion PKS system, which is purpose-built to fit users’ applications and is easy-to-use and configure. This system enables users to:

- Maximize uptime and improve plant reliability and efficiency
- Enhance operator effectiveness through alarm management and displays
- Ensure data integrity and integration with business applications for optimized performance
- Scale the system to meet expanded or future requirements
- Remove process bottlenecks by integrating data, processes, and workflows
- Improve equipment and process monitoring, and optimize production against feed and energy costs

Product Number

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PART NUMBER	DESCRIPTION
51154872	Cabinet Light Assy
51154872-100	SERIES 8 CABINET LIGHT KIT
51155506-100	DO (SOURCE) RELAY CABLE ASSEMBLY, 0.5M
51155506-101	DO (SOURCE) RELAY CABLE ASSEMBLY, 1.0M
51155506-102	DO (SOURCE) RELAY CABLE ASSEMBLY, 2.0M
51155506-105	DO (SOURCE) RELAY CABLE ASSEMBLY, 5.0M
51155506-110	DO (SOURCE) RELAY CABLE ASSEMBLY, 10.0M
51155506-120	DO (SOURCE) RELAY CABLE ASSEMBLY, 20.0M
51155506-130	DO (SOURCE) RELAY CABLE ASSEMBLY, 30.0M
51155506-140	DO (SOURCE) RELAY CABLE ASSEMBLY, 40.0M

Feedback