

The ConveyorPAK™ Solution

Conveying more than just materials

The pre-engineered ConveyorPAK solution from Schneider Electric is a multi-function conveyor control system that offers lifecycle cost savings to the customer. This system integrates hardware and software for HMI, PLCs, stack lights, pushbuttons and pneumatic controls for reversing and non-reversing applications, simplifying conveyor control.

Why Offer the ConveyorPAK Solution?

■ Flexibility

Operation of each section of the conveying line is achieved by distributed control throughout the conveyor system. Twido® Nano PLCs enable you to control multiple functions should the application demand it.

■ Total Solution

The ConveyorPAK provides a total solution that goes beyond component specification to solve conveyance application needs and provide integration with other Schneider Electric products. This solution affords greater flexibility, reduced total cost and increased performance.

■ Cost Savings

The ConveyorPAK solution from Schneider Electric offers the best, total lifecycle cost on the market due to cost savings in installation, troubleshooting, maintenance and repairs.

■ Troubleshooting

Should a problem arise, the entire conveyor line is not impacted. Debugging is easier as each section of the line can be evaluated.

Application Focus

ConveyorPAK takes the art of conveyance one step further with distributed control throughout the conveyor system. Some of our engineered solutions for conveyance include:

- Custom control panels
- Metered lifting to move material from one elevation to another
- Diverting materials from one line to another and blending two lines into one
- Motor modules for precise motor control functionality



The ConveyorPAK™ Family of Solutions

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- CPAK 01** – Used for controlling pneumatic material handling devices only. Sized to handle a moderate amount of functions due to the expandability with a PLC and stackable pneumatic manifold
- CPAK 02** – Used for controlling motors only. Houses PLC and motor starters. Same as CPAK 04, but without the pneumatic components
- CPAK 03** – Used as a remote motor starter box. This is simply a small enclosure with a flange mounted disconnect, and motor starters. Can be controlled via discrete I/O or Modbus® RS485
- CPAK 04** – Used for controlling pneumatic material handling devices and motors
- CPAK 05** – Used for controlling limited number of pneumatic material handling devices only

Specialized Solutions

■ Drives Packaging

- NEMA 3R/4X
- Stainless steel
- Custom panels
- Motor control centers
- Ambient/air cooled panels

■ Bulk Material Handling

■ Weighing Applications

- Loss of weight application
- Added weight
- NTEP certification
- Weight-based flow control
- PLC/load cells
- WeighPack
- Engineering systems/code/weighing EFBs

For more details on the ConveyorPAK solution contact the Industrial Applications Team (IAT) at 919-855-1100 or visit www.us.squared.com/IAT.

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