

# Solution Profile: Press Control Function Block



Reduce Errors and Time When Implementing Press Safety with Banner's Function Block.



## Reduce Setup Time

- The press control function block eliminates guesswork when commissioning
- Banner's intuitive drag and drop software gets your entire system up and running quickly
- Replace outdated complex circuitry designs with streamlined circuitry

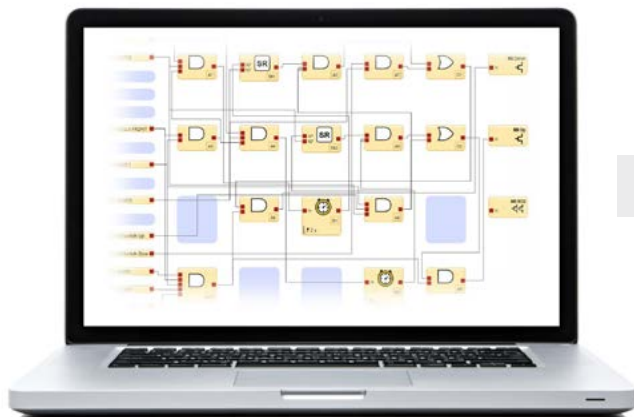


## Increased Safety

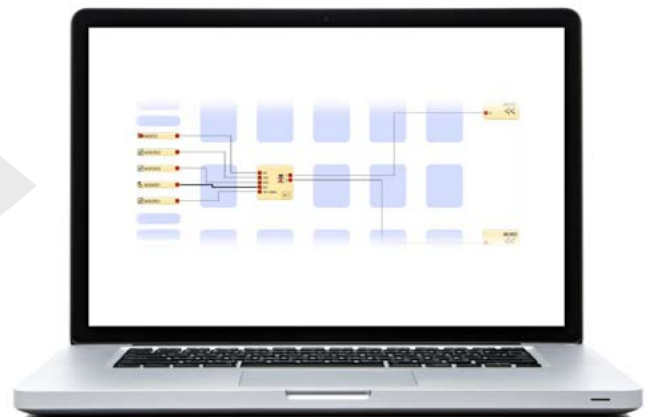
- Vetted function blocks ensure accuracy when building your setup
- A simpler to understand configuration results in fewer errors
- Control blocks are compatible with other-brand devices to build a complete safety system

Banner's Function Blocks and Intuitive Software Streamline Your Safety Configurations.

go from this



to this



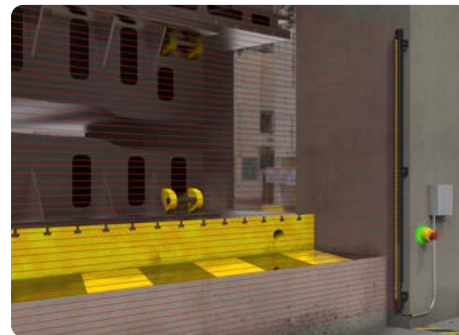
## Solution Profile: Press Control Block

### Core principle: The press control function block makes setup easier

The press control function block is designed for use with simple hydraulic or pneumatic power presses. This feature is available on XS/SC26 FID 4 and later. This fail-safe function block allows users to select attributes such as mode, press velocity, and closed-loop control. With an easy-to-understand configuration a user can get a press up and running faster than without the function block.

The following standards apply:

- B11.2-2013, Safety Requirements for Hydraulic and Pneumatic Power Presses
- EN ISO 16092-1:2018, Machine Tool Safety Part 1 - General Safety Requirements
- EN ISO 16092-3, Machine Tool Safety Part 3 - Safety Requirements for Hydraulic Presses
- EN ISO 16092-4, General Safety Requirements Part 4 - Safety Requirements for Pneumatic Presses



### Parts you will need

This is a basic list of parts needed to get started. Many more options exist for sensor types and cable lengths. Consult your local Banner representative for help building the solution that best fits your application.

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Safety Controller  
XS26-ISDd



Safety Relay  
XS2RO



Safety Touch Button  
STBVP6



E-Stop  
SSA-EB1PLGR-0DED1Q8



8 Pin Cable for E-stop  
SXA-815D



Fixed-Field Sensor  
QS18VP6FF100



Adjustable Field Sensor  
QS18VP6AF120

## Safety Solutions from Banner Engineering

Banner safety systems offer cost-effective, easy-to-use solutions that are scalable to fit your specific machine safeguarding requirements.

Start with Banner's large variety of world class safety components. We offer a comprehensive family of light curtains, emergency stops, rope pulls, limit switches and door interlocks. Connect these to our dependable relays.

When it's time to step up to a more comprehensive safety system, use Banner's configurable and expandable safety controllers. Connect Banner devices with exclusive In-Series Diagnostics (ISD) to further troubleshoot, prevent faults, and reduce downtime. Or connect safety devices from other manufacturers to build a complete safety system.

The free software provides a seamless user interface for setting up and managing safety systems, including an intuitive icon-based, drag-and-drop user interface to reduce the learning curve and speed up commissioning.

### Take the next step

Visit [www.bannerengineering.com/us/en/products/machine-safety](http://www.bannerengineering.com/us/en/products/machine-safety) to build your next safety system, find an authorized distributor, or chat with a technical expert.



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