

PCS-4000 Resolver Based Punch Press Control & Components

Touchscreen is optional.

PCS-4000*



Incorporates all the requirements of OSHA for control reliability and component monitoring. Also includes component and system diagnostics with indicator lights for total press monitoring. Complies with section 1910.217 of the Federal Register and ANSI Standard B11.1-2009.

When foot actuation is used, a method of guarding the point of operation must be provided.

Refer to the PressCommander Options in this catalog for a complete listing of the PCS-4000 features.

*** Includes the same features as the PressCommander listed on page A9. Each model varies slightly in it's packaging. See individual product descriptions for details.**

PCS-4000 includes the following:



Dual Solenoid Valve

The dual solenoid valve is monitored and contains a pressure controlled spool in an assembly mounted between the pilot and valve body assemblies. Pressure signals are applied to each end of the monitor spool. If these signals differ by more than a built-in design limit, they cause the spool to shift to a latched position. The spool movement causes the pilots to be exhausted and pilot supply air to be vented to the atmosphere, thus rendering the valve inoperable. The monitor must be reset by unlatching the spool before another valve cycle can be initiated.



Operator Station

No. UL-501 Two UltraTouch modules mounted on a NEMA 12 operator station run bar with a red mushroom emergency stop button located in the center and a yellow mushroom top stop button located off center. This style assembly is ideal for the metal stamping/metal fabrication industry. All the modules are mounted in accordance to OSHA, ANSI, and CSA standards in regards to run button spacing.



Heavy Duty Pressure switch No. 306

This NEMA 12 oil-tight and dust-tight switch is adjustable from 1 to 115 PSI.



Filter Regulator Lubricator No. 311



Industrial Grade Brushless Resolver Transducer Part No. 40-003

Heavy duty brushless resolver transducer which replaces the current mechanical rotary cam switch. Resolver Cabling 30' Part No. 45-020