

Reliable Pressure Protection for Agriculture

PRESSURE SWITCHES & TRANSDUCERS



Built to Keep Your Machine Working

- ▶ SUCO keeps your machines safe, reliable, and ready to work
- ▶ Fast response for safety-critical brake and steering systems
- ▶ Designed to handle pressure spikes safely
- ▶ Monitors hydraulic system pressure to help ensure all components work correctly
- ▶ Overpressure protection helps manage sudden pressure peaks in hydraulic systems



Our Pressure Switches and Transducers are designed to help control position, safety, and flow. Some examples of agriculture equipment that work reliably with SUCO products include Harvesters, Combines, Planting, Seeding, Tillage, Turf, Irrigation, Pumps, Sprayers, Feller Bunchers, Stump Grinders, Log Loaders, De-limbers, and Mulchers.

Mechanical Pressure Switches

Mechanical pressure switches monitor the pressure of gas or liquid media and close or open an electrical circuit on reaching a set threshold.

- ▶ Integrated Connector
- ▶ SPDT
- ▶ Explosion-Protected Pressure Switch - ATEX
- ▶ Compact Design
- ▶ Vacuum Switches



Pressure Transducers

A pressure transmitter (also called pressure transducer or pressure converter) is a component used to convert a pneumatic or hydraulic pressure to an electrical signal, such as a current or voltage.

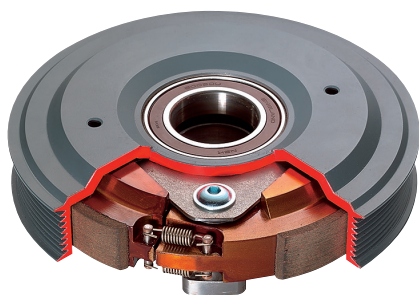


Our **High-Performance Series** provides outstanding overpressure protection (up to 4 x). Ideal choice for mobile hydraulic applications and offers long service life even under high pressure change rates.

The **Digital Pressure Transmitter with CANopen / CAN J1939** is made of stainless steel construction with high reliability, even in very rough environments.

The ESI **GD4200-USB**® Digital Pressure Transducer has been designed to measure, analyze and record pressure directly on your computer. It allows the user to measure up to 16 pressure inputs simultaneously and easily create customized test certificates. Sample rate up to 1,000 Hz (1,000 readings per second).

The **PR3200 Differential Pressure Transmitter** uses two ceramic pressure diaphragms, offering high stability and performance with true wet/wet operation, suitable for use with all liquids and gases compatible with stainless steel and aluminum.



Clutches & Brakes

Suco designs and manufactures individual, customer-specific solutions when standard models cannot be used.

- ▶ **Centrifugal Clutches** allow a soft, load-free start from rest, automatically engaging as the speed increases.
- ▶ **Centrifugal Brakes** automatically limit the maximum RPM of a shaft, providing protection against over speed, without the need of external controls.
- ▶ **Electromagnetic Clutches and Brakes** are trouble-free, require no maintenance, and are extremely reliable.

SUCO ESI North America

THE WORLDWIDE SPECIALIST FOR CUSTOMIZED PRESSURE SWITCHES & TRANSDUCERS



More Than 80 Years in Agricultural Applications

Irrigation Systems

Pressure monitoring solutions help maintain proper water distribution and protect pumps, valves, and hydraulic components.

Crop Spraying Equipment

Pressure sensors support accurate spray pressure control for efficient crop treatment applications.

Agricultural Machinery

Pressure switches and transducers monitor hydraulic and mechanical systems used in agricultural equipment.

Water Management Systems

Pressure measurement helps optimize agricultural water systems.



CONNECT WITH US

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