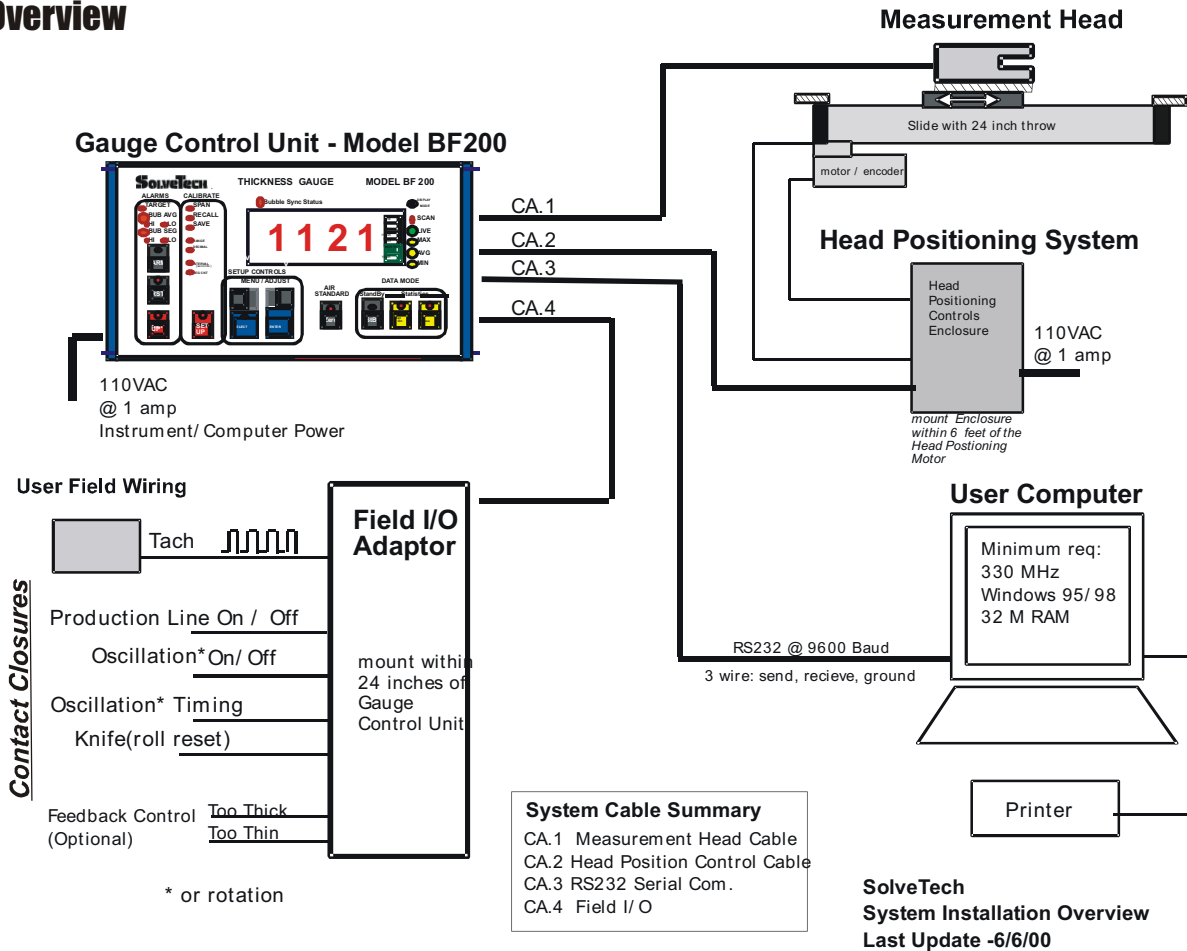


System Installation

Installation Overview



SolveTech
System Installation Overview
 Last Update -6/6/00

BF200 Blown Film Gauging System

BF200 User Field Signal Requirements

1. Production Line Status On/Off - Contact Closure:

This status indicates to the measurement system that a roll is in progress. On a typical production line, a variety of signals are typically available which are indicative of the state. The contact should be closed when the line is "ON".

2. Oscillation (rotation) On/Off:

During the start-up of the line, rotation or oscillation may be off. The system needs this status for proper polar plotting. Typically, the contact is closed when the oscillator (or rotator) is on.

3. Oscillation (rotation) Timing Signal - Contact Closure:

The system must compute the oscillation/rotation time interval to properly do the polar plot and Die Bolt Map. An example is shown below for a 6 minute oscillator. It does not matter if the contact is normally open or normally closed for a given direction.

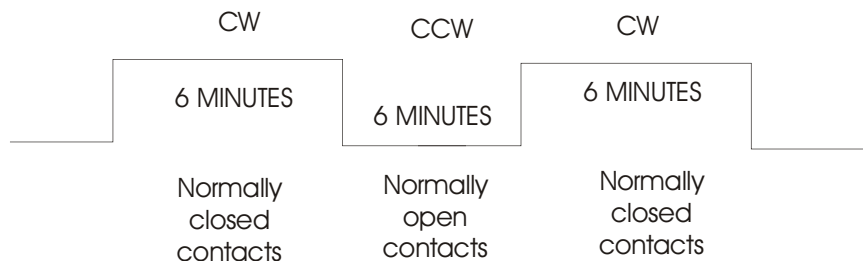
4. End of Roll (contact closure)

A signal input is required to tell the measurement system when the end of roll has arrived. This is typically taken from the same circuit that fires the knife or a reset on a footage counter.

5. Tach Signal

An open collector or 0 to 5 volt pulse input is required from a tach or rotary pulse generator. The frequency of this signal should not exceed 2500 Hertz at maximum line speed.

Example - 360 degree Oscillating



Example - Rotating

The user supplies a contact closure once per rotation

