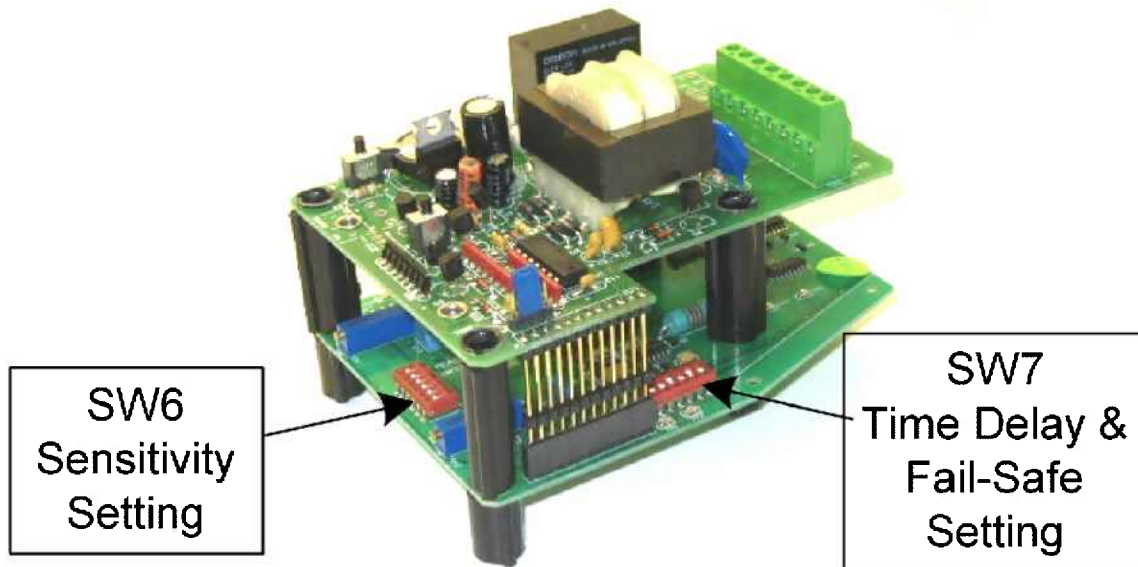




## Design Level 2005

### Revised RF9000, RF91/9200, RF10000, & RF11/12000 Electronics

The electronic units for some RF models have been changed effective April 2005. This revision changes the DIP switch location and settings for sensitivity and time delay. high/low level failsafe selection is also now a DIP switch selection. The ability to select the mode of time delay (delay on level rising, level falling, or both) is now possible via a DIP switch setting. All other functions remain unchanged.



#### Sensitivity Setting

The sensitivity setting is made on the 6-position DIP switch SW6. Positions 1, 2, & 3 determine the sensitivity of the electronics. The settings are:

SW-6 Position 1	SW-6 Position 2	SW-6 Position 3	Sensitivity
OFF	OFF	OFF	1 pF (High)
ON	OFF	OFF	1.5 pF
OFF	ON	OFF	2 pF
ON	ON	OFF	3 pF (Medium)
OFF	OFF	ON	10 pF (Low)
ON	OFF	ON	12 pF
OFF	ON	ON	14 pF
ON	ON	ON	15 pF (Low-Low)

*(Continued on other side)*

## **Time Delay Setting**

### ***Amount***

The amount of time delay setting is made on the 6-position DIP switch SW7. Positions 1 & 2 determine the length of the time delay between actual material sensing and output relay change of state. The settings are:

<b>SW-7 Position 1</b>	<b>SW-7 Position 2</b>	<b>Time Delay</b>
OFF	OFF	1 Second
ON	OFF	2 Seconds
OFF	ON	4 Seconds
ON	ON	7 Seconds

### ***Mode***

The mode of the time delay setting is made on the 6-position DIP switch SW7. Positions 4 & 5 determine if delay occurs when material contacts the probe or when material leaves the probe. The settings are:

<b>SW-7 Position 4</b>	<b>SW-7 Position 5</b>	<b>Delay Mode</b>
OFF	OFF	Delay with both material touching and leaving probe.
ON	OFF	Delay when material leaves probe. Instant alarm when material contacts probe
OFF	ON	Delay when material contacts probe. Instant alarm when material leaves probe
ON	ON	Invalid setup

## **Fail-Safe Setting**

The setting for either "High" or "Low" level failsafe operation setting is made on the 6-position DIP switch SW7. Position 3 of this DIP switch determines whether the relay is in fail-safe high or fail-safe low setting. See the instruction manual for further information on "fail-safe" operation. The settings are:

<b>SW-7 Position 3</b>	<b>Fail-Safe Setting</b>
OFF	Low Level Fail-Safe
ON	High Level Fail-Safe

## **Help**

Please contact Bindicator Customer Care Department at 1-800-778-9242 if you need any assistance in setting up the 2005 Revision RF units.

