



**Mounting**

The switch must be separated from magnetic materials which may prohibit the movement of the SW 108-E's internal magnet.

Use a secure mounting mechanism to fasten the SW 108 to the the check valve arm (e.g. UV stabilized tie-wraps [i.e. black], hose clamps, etc.).

Periodically check the mounting mechanism for integrity. Replace the mounting mechanism if it is found to be weak or broken.

**Testing**

Following installation, test the switch and ensure that the magnet is not influenced by nearby metallic material.

Periodically test the switch to ensure proper operation.

**Ratings**

Switch ->	SW 108-M	SW 108-E
<b>Operating Differential:</b>	+/- 10 degrees	+/- 20 degrees
<b>Rating:</b>	120 VAC/VDC, 1 Amp Maximum	150 VDC Max 1 Amp Max. 25 Watts Max. Non-Inductive

**Connections**

- White - Common
- Red - Normally Closed (i.e. Closed when Down, Open when Up)
- Black - Normally Open (i.e. Open when DOWN, Closed when UP)
- Green - No connection

Dimensions are subject to change

			<b>Contegra</b>		
03	8/27/04	Ensure magnetic separation			12865 Carriage Hills Drive Eagan, MN 55123
03	8/27/04	Added wiring connections (W, R, Bk, Gn)			651 905-0900 Phone 651 454-4665 FAX
02	7/31/03	Added 'E' version to make the document generic			Copyright 2001 Contegra www.contegra.com
01	4/8/03	Released			Description: Mounting Diagram: SW108 -- Tilt Switch
Rv	Date	Description	Rv	Date	Designed: MCS
					Date: 4/10/01
Drawing #: 10176-0001-04 Page 1 of 1					