

# SureSite® Magnetic Liquid Level Indicator

Installation, Operation and Maintenance  
Bulletin No. 177664-7 (Rev A)



## Section 7: Insulation Blankets

### Installation

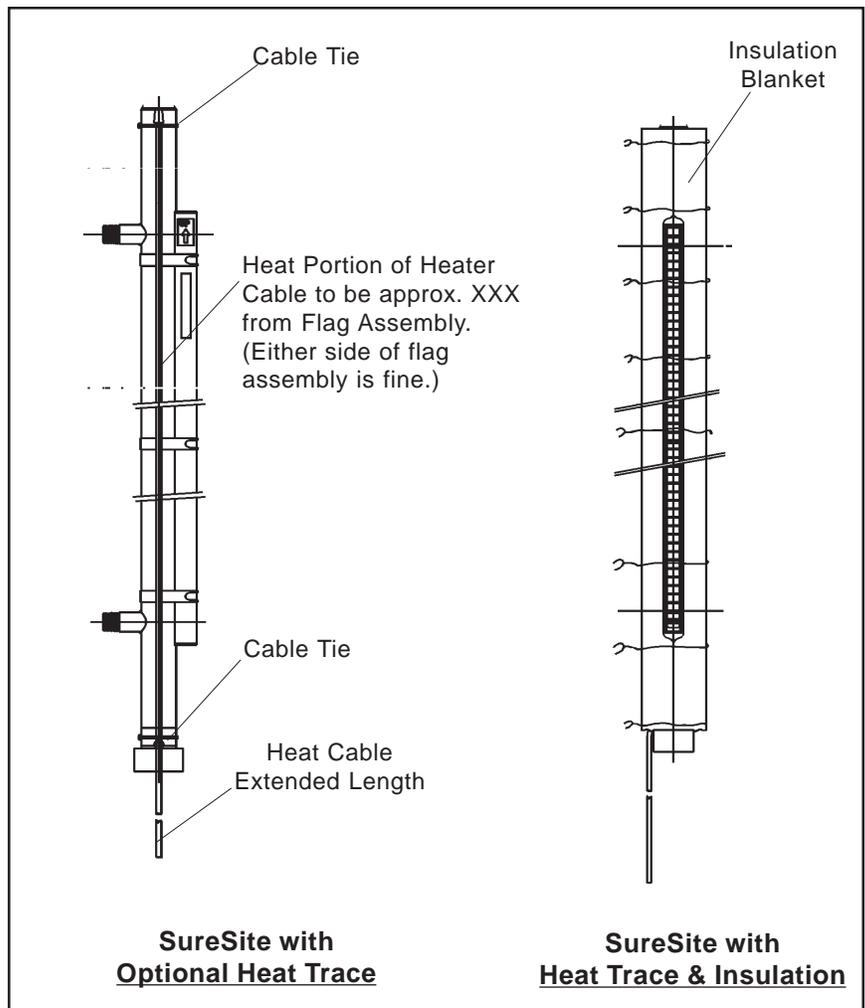
Insulation Blankets are provided to minimize the possibility of personal injury and heat loss. Blankets have been designed for various SureSite Magnetic Level Indicators and mounting configurations, as indicated below:

Indicator Type	Mounting Configuration	Description
Mini	Top and Bottom Mount	1-Piece
Mini	Side Mount	2-Piece
Standard	Top and Bottom Mount	1-Piece
Standard	Side Mount	3-Piece
Standard	Side Mount with Switches	4-Piece

#### Mini-SureSite - Top and Bottom Mount (1-Piece Blanket)

The optional Heat Trace cable should be installed according to the supplied instructions prior to wrapping the Insulation Blanket around the SureSite, as described below:

1. Wrap the long section of the Insulation Blanket around the SureSite Magnetic Level Indicator so that the area on either side of the flag assembly is covered. The flag assembly alone remains visible.
2. Using non-ferrous lock-wire, secure the Insulation Blanket to the Mini-SureSite at intervals of approximately 12 inches (30 cm), as shown in the illustration. Twist the wire ends to secure. (See Figure A)



- Figure A -

**Mini-SureSite  
Side-Mount  
(2-Piece Blanket)**

The optional Heat Trace Cable should be installed according to the supplied instructions prior to wrapping the insulation blanket around the SureSite, as described in the instructions below:

1. Wrap each of the two long sections of the insulation blanket around half of the SureSite Magnetic Level Indicator so that the areas between the side connections and the flag assembly are covered. The flag assembly remains visible.
2. Using non-ferrous lock-wire, secure the insulation blanket to the Mini-SureSite at intervals of approximately 12 inches (30 cm), as shown in **Figure A**. Twist the wire ends to secure.

**Standard SureSite  
Top and Bottom Mount  
(1-Piece Blanket)**

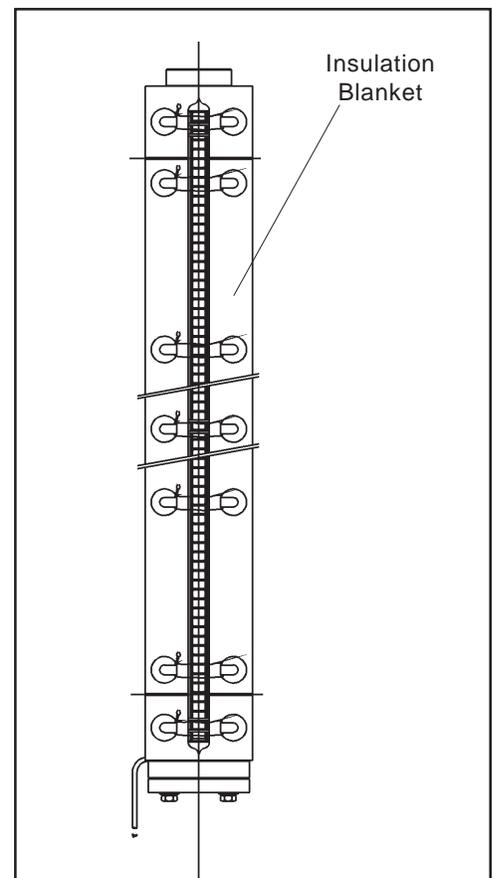
The optional heat trace Cable should be installed according to the supplied instructions prior to wrapping the insulation blanket around the SureSite, as described below.

1. Wrap the long section of the insulation blanket around the SureSite, so that the area on either side of the flag assembly is covered. The flag assembly alone remains visible.
2. Using non-ferrous lock-wire, secure the insulation blanket to the SureSite, as shown in the illustration below (**Figure B**), at the “hog-ring” locations. Twist the wire ends to secure, drawing the insulation blanket together, surrounding the flag assembly.

**Standard SureSite  
Side-Mount  
(3-Piece Blanket)**

The optional heat trace cable should be installed according to the supplied instructions prior to wrapping the insulation blanket around the SureSite, as described below:

1. Wrap the long section of the insulation blanket around the SureSite, between the side connectors and position the edges so that the flag assembly alone remains visible.
2. Using non-ferrous lock-wire, secure the insulation blanket to the SureSite, as shown in the **Figure B**, at the “hog-ring” locations. Twist the wire ends to secure, drawing the insulation blanket together, surrounding the flag assembly.
3. The remaining two pieces (the top and bottom collars) are to be wrapped around the SureSite, and likewise secured as in step 2. See **Figure B** for clarity.

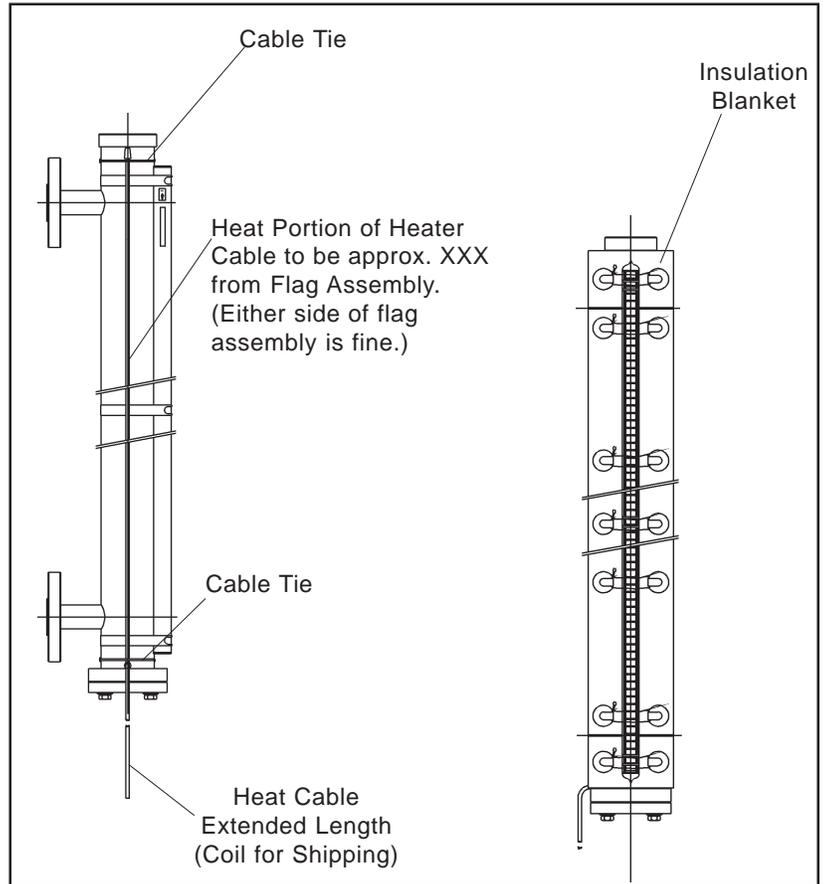


- Figure B -

## Standard SureSite (4-Piece Blanket)

The optional heat trace cable, should be installed according to the supplied instructions prior to wrapping the insulation blanket around the SureSite, as described below:

1. Wrap each of the two long sections of the insulation blanket around half of the SureSite, so that the areas between the side connectors and the flag assembly are covered. The flag assembly alone remains visible.
2. Using non-ferrous lock-wire, secure the insulation blanket to the SureSite, as shown in the **Figure C**, at the "hog-ring" locations. Twist the wire ends to secure, drawing the insulation blanket together, surrounding the flag assembly.
3. The remaining two pieces (the top and bottom collars) are to be wrapped around the SureSite, and likewise secured, as in step 2. See **Figure C** for clarity.



- Figure C -



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