

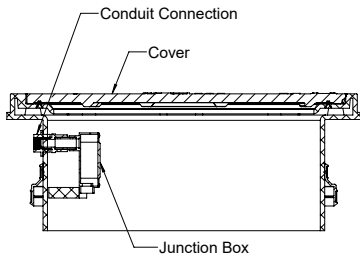


SLICK STICK™

Oil Level Monitoring System

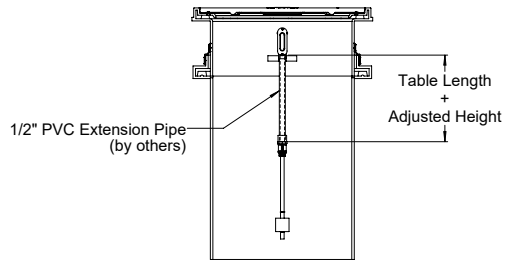
INSTALLATION INSTRUCTIONS

- 1**
- Remove unit cover where interface float will be installed.
 - Remove the PVC fitting affixed to the junction box.



- 2**
- Cut the length of 1/2" PVC pipe referenced in the table to be used as the extension pipe.
 - If unit will be buried with an adjusted adapter or riser extensions, add the amount the height was adjusted to ensure correct placement of float switch.

$$\text{Table Length} + \text{Adjusted Height} = \text{Total length of } \frac{1}{2}'' \text{ PVC Extension}$$

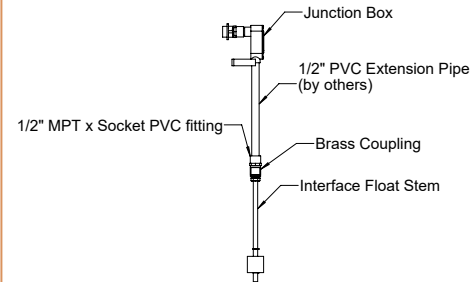


1/2" PVC Pipe Length

MONITORED OIL CAPACITY	0S-50	0S-75	0S-100	0T-500 - 2000
50%	1-1/2"	6-5/8"	9-5/8"	16"
70% <i>(Recommended)</i>	3-3/8"	10"	13-1/4"	19"
90%	5-1/2"	13-7/8"	18-3/4"	22"

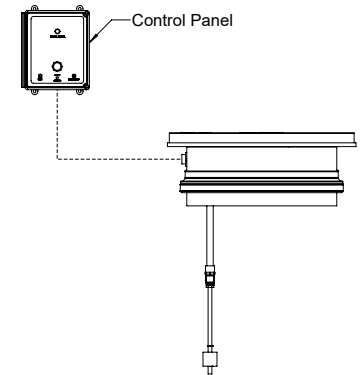
(For below-grade installations with adjusted adapter or riser extensions, add riser length to value in table)

- 3**
- Thread the brass coupling onto the interface float stem.
 - Thread the 1/2" MPT x socket PVC fitting into the brass coupling.
 - Glue the PVC fitting to the extension pipe, and the extension pipe to the junction box.



- 4**
- Run interface float wiring through the extension pipe and the bottom of the junction box.
 - Run control panel wiring through exterior conduit (by others) and tie together. Installation is complete.*

** Once power is applied, alarm will sound until tank is filled with water.*



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CUSTOMER SERVICE HOURS: Mon-Fri, 8 am - 5 pm CST

Note: "Lifetime Guarantee" shall not apply to electronic equipment provided by Striem. Electronic equipment provided by Striem shall be warranted for one year from shipment date.

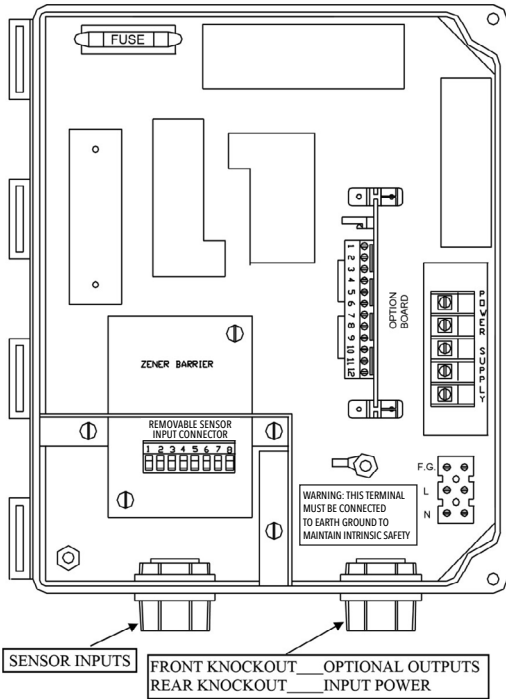


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WIRING DIAGRAM

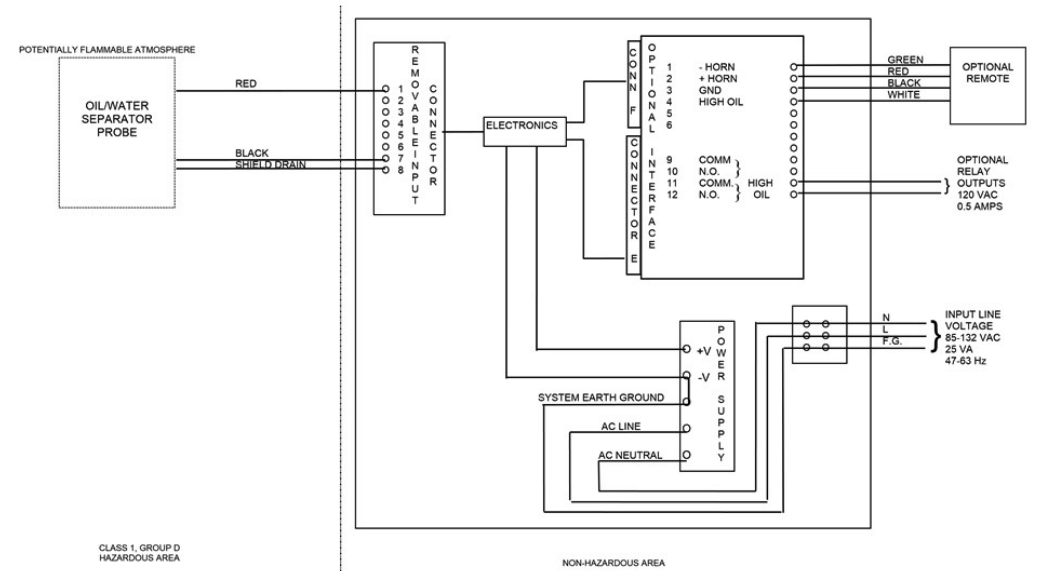
Striem Slick Stick™ Wiring Diagram



COLOR CODE		
CABLES FROM SENSORS TO REMOVABLE SENSOR INPUT CONNECTORS		
1	RED	SENSOR #1 OWI-1
2	UNUSED	
3	UNUSED	
4	UNUSED	
5	UNUSED	
6	UNUSED	
7	BLACK	FROM SENSOR #1
8	SHIELD DRAIN	FROM SENSOR #1
WIRES TO OPTION BOARD		
WIRES FROM RA-SERIES REMOTE		
1	GREEN	-HORN
2	RED	+HORN
3	BLACK	GROUND
4	WHITE	HIGH OIL LEVEL
5	UNUSED	
6	UNUSED	
WIRES FROM RELAY OUTPUTS		
7	UNUSED	
8	UNUSED	
9	UNUSED	
10	UNUSED	
11	COMMON	HIGH OIL LEVEL
12	NORMALLY OPEN	
120VAC		
WIRES TO POWER SUPPLY		
F.G.	FIELD GROUND	
L	LINE	
N	NEUTRAL	

NOTE: To maintain proper shielding, **BLACK sensor wires** and SHIELD DRAINS should **not** be connected together at sensors.

Striem Slick Stick™ System Control Drawing



NOTES ON PROBES:

1. The intrinsically safe field wiring shall be installed in accordance with article 504 in the National Electrical Code ANSI/NFPA 70.
2. All probes are electrically identical and may be interchanged, allowing system flexibility.
3. Probe to control unit cable will be two pairs of #22 AWG with shield and drain PVC jacketed UL-118830 CM.
4. Cable length will be limited to 2,000 feet maximum.

NOTES ON CONTROL EQUIPMENT:

1. All wiring must meet local and national electrical codes.
2. System Earth ground must be connected to terminal F.G. to insure intrinsic safety and must be less than 1Ω with respect to Earth ground.
3. Optional remote requires #22 AWG low voltage communication cable minimum.



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