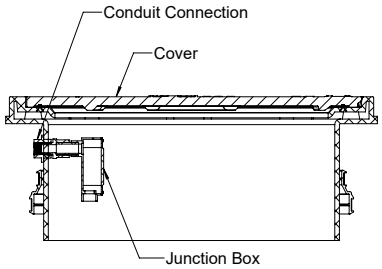
STRIEM



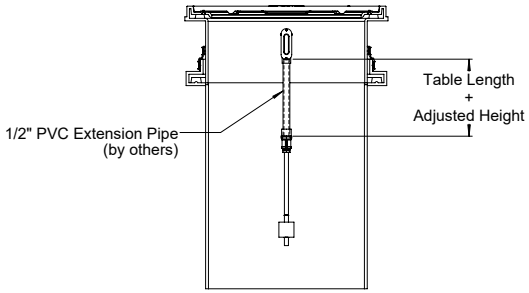
SLICK STICK™
Oil Level Monitoring System
INSTALLATION INSTRUCTIONS

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.

Table Length + Adjusted Height = Total length of ½" PVC Extension

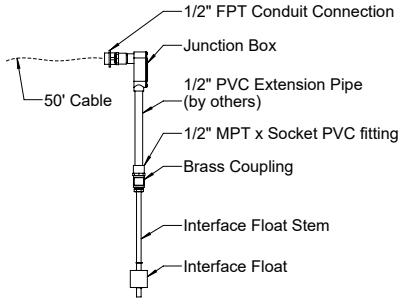


1/2" PVC Pipe Length

	OS-50	OS-75	OS-100	OS-350 - 500	OT-750 - 2000
LENGTH	2"	5 - 1/2"	9 - 1/2"	11"	19"

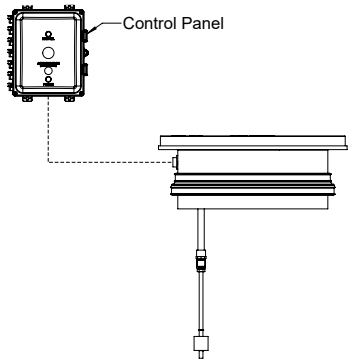
(For below-grade installations with adjusted adapter or riser extensions, add riser length to value in table)

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.*



LIFETIME GUARANTEED

MADE IN THE USA

913-222-1500 HELP@STRIEMCO.COM STRIEMCO.COM

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 warrantied for one year from shipment date.

11/12/25

SLICK STICK™
Oil Level Monitoring System
WIRING DIAGRAM

Striem Slick Stick™ Wiring Diagram

CABLES FROM SENSORS TO REMOVABLE SENSOR INPUT CONNECTORS

SENSOR INPUT	
PIN NO.	SENSOR WIRE
1	UNUSED
2	WIRE 1
3	WIRE 2

CABLES FROM RAS REMOTE TO REMOVABLE LOW VOLTAGE OUTPUT CONNECTORS

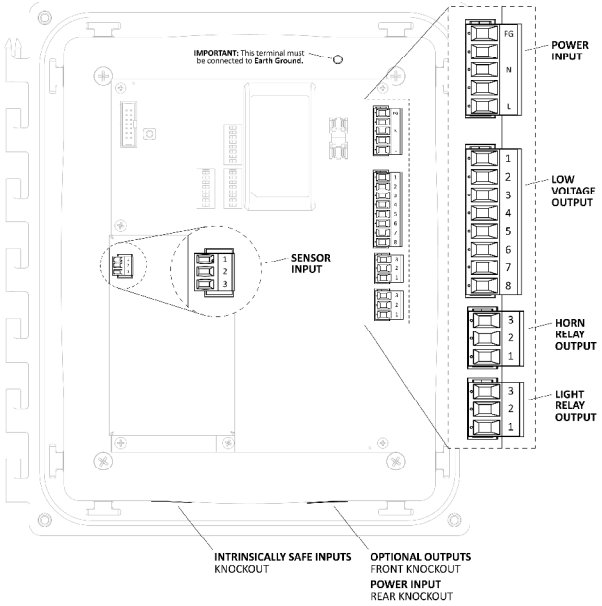
LOW VOLTAGE OUTPUT		
PIN NO.	DESCRIPTION	RAS WIRE
1	+12VDC	BLACK
2	HORN SILENCE SWITCH	GREEN
3	UNUSED	
4	UNUSED	
5	UNUSED	
6	S1 SENSOR	WHITE
7	COMMON HORN	BLUE
8	GROUND	RED

DEFAULT RELAY OUTPUTS

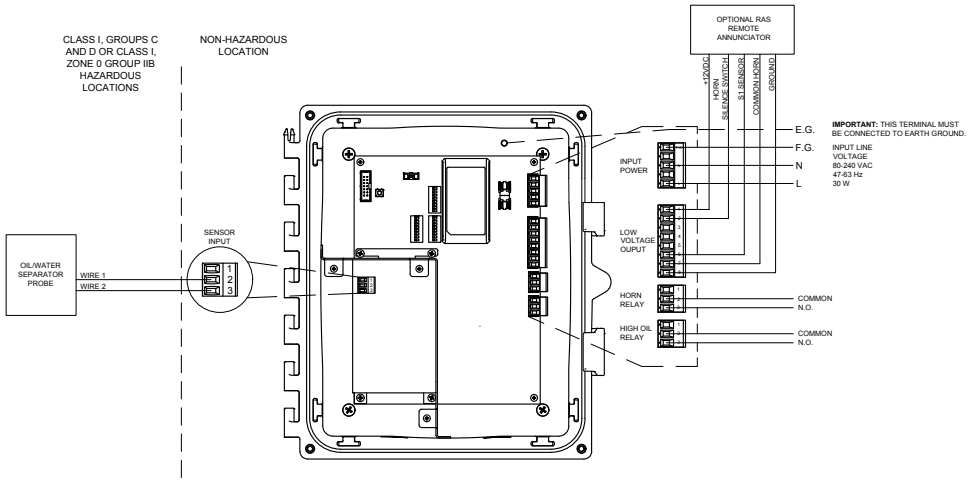
HORN RELAY OUTPUT	
PIN NO.	DESCRIPTION
3	NC
2	COM
1	NO
LIGHT RELAY OUTPUT	
PIN NO.	DESCRIPTION
3	NC
2	COM
1	NO

80-240 VAC WIRES TO POWER SUPPLY

POWER INPUT	
F.G.	FIELD GROUND
N	NEUTRAL
L	LINE



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/NPFA 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.
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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