

MJK Ball Float Instructions

HOW TO CONNECT THE MJK BALL FLOAT TO IQ SENSORNET SENSORS

Scope of Delivery

Item #s	Description
MJK155256	Ball float for process sensors, w/o weight, ISO threaded
MJK155265	PVC coupler 50mmx 40mm x 1 1/4", ISO threaded
MJK155266	45° PVC fitting, 50mm
MJK155268	PVC Cap, 50mm w. PG9 cable glands, ISO threaded
MJK155252	SuSix® adapter for ball float, ISO threaded

Materials Required

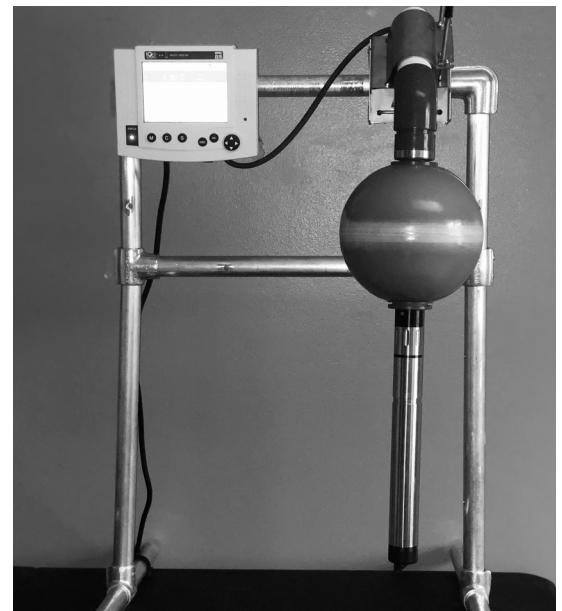
- IQ SensorNet sensor (only works with standard 40 mm sensors)
- IQ SensorNet sensor cable
- PVC Piping 2" diameter
- PVC glue
- Oscillator or another tool to cut PVC piping.

Instructions

1. Start by notching a hole on the end of the 2" PVC piping. The Notch should be 2" long and 0.5" wide. This notch will be where the IQ SensorNet cable comes out of the PVC pipe. Set the PVC pipe aside for later.



2. Unscrew the threaded cover on the IQ SensorNet sensor cable by rotating the cover counter clockwise. Set the cover aside.



Safety Precautions



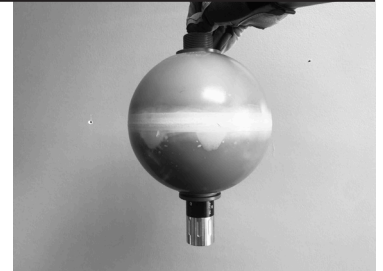
Follow all safety guidelines and instructions printed on the label when using PVC glue compound. Use appropriate PPE when operating power tools and handling corrosive materials.



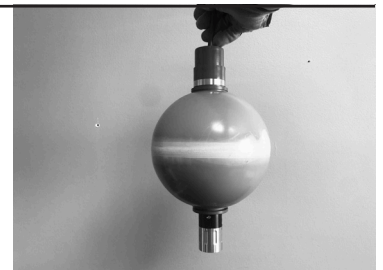
3. Thread the IQ SensorNet cable through the Susix® adapter (MJK155252), making sure that the female end is facing the IQ SensorNet Cable Connection.
4. Screw the Susix® adapter on the IQ SensorNet cable by rotating the adapter clockwise.



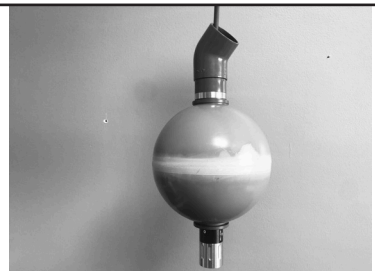
5. Thread the IQ SensorNet cable through the ball float (MJK155256), making sure that the female end is facing the IQ SensorNet Cable Connection.
6. Screw the ball float onto the Susix® adapter by rotating the ball float clockwise.



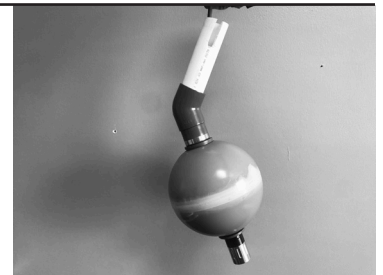
7. Thread the IQ SensorNet cable through the PVC coupler (MJK155265), making sure the threaded side is facing the ball float.
8. Screw the PVC coupler onto the ball float by rotating the ball float clockwise.



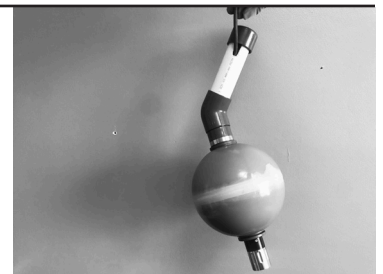
9. Thread the IQ SensorNet cable through the 45° PVC fitting (MJK155266).
10. Using PVC glue, glue the 45° PVC fitting onto the PVC coupler. Allow the PVC glue compound to setup before proceeding to the next step





11. Thread the IQ SensorNet cable through the 2" PVC piping. Make sure that the notched end of the PVC pipe is facing the controller or mounting.
12. Using PVC glue, glue the 2" PVC piping onto the 45° PVC fitting. Allow the PVC glue compound to setup before proceeding to the next step.



13. Pull the IQ SensorNet cable into the Notch on the end of PVC Pipe.
14. Using PVC glue, glue the PVC cap (MJK155268) onto the end 2" PVC piping. Allow the PVC glue compound to setup before proceeding to the next step.
15. The completes the assembly of the MJK ball float mount.



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