

SPECBOOK - BULLETIN B100, MODEL LS DIRECT ACTING FLOAT SWITCH

The liquid level shall be sensed by _____ direct acting float switches. The float switches shall be Bulletin B100, Model LS Floats as manufactured by Siemens Water Technologies, Control Systems (fka Consolidated Electric).

The contractor shall furnish, install, and wire the float switches as shown on the drawings. Each float shall have molded polyethylene body, internal redundant polyurethane foam flotation, potted switch and cable connections and fine-stranded AWG #18 cable with heavy-duty synthetic rubber jacket in lengths as required to run unspliced to the control panel. The floats shall operate on (24/120) volts and used with a pump/alarm controller providing differential pump operation, float indicating LED's and test switches and alarm circuitry as required.

MODEL LS FLOAT SWITCH MOUNTING OPTIONS (Choose A, B or C below)

A. MODEL 9GCL3 STAINLESS STEEL MOUNTING CLAMP

The float switches shall be mounted to a 1" pipe utilizing all stainless steel float switch mounting hardware and secured in place by Siemens Water Technologies, Control Systems (fka Consolidated Electric) Model 9GCL3 stainless steel mounting clamps.

B. MODEL CBM SUSPENSION MOUNTING KIT

The direct acting float switch liquid level sensors shall be mounted to a common stainless steel cable/weight suspension mounting kit. The stainless steel cable shall be multi-stranded and have a minimum of 1/8" diameter. A plastisol-coated, 25-pound cast-iron weight with a cast-in-place stainless steel eyelet (for connection to the stainless steel cable with two stainless steel clamps) shall provide drift free mounting. The kit shall utilize stainless steel float switch cable clamp mounting hardware with two stainless steel screws per clamp to provide easy field adjustment of float switch operating elevations. The stainless steel cable shall have a loop with two cable clamps at the upper end of the assembly for mounting to an eyelet installed by the contractor in the top slab of the wet well. The kit shall be a Siemens Water Technologies, Control Systems (fka Consolidated Electric) Bulletin B100 Model CBM.

C. MODEL LSW1 WEIGHT KIT & MODEL LS4 CABLE RACK

The float switches shall be individually suspended in the wet well with weight kits. The float switch cables shall be suspended from a cable rack mounted to the top slab of the wet well. The kits shall be Siemens Water Technologies, Control Systems (fka Consolidated Electric) Models LSW1 Weight Kit and Model LS4 Cable Rack.