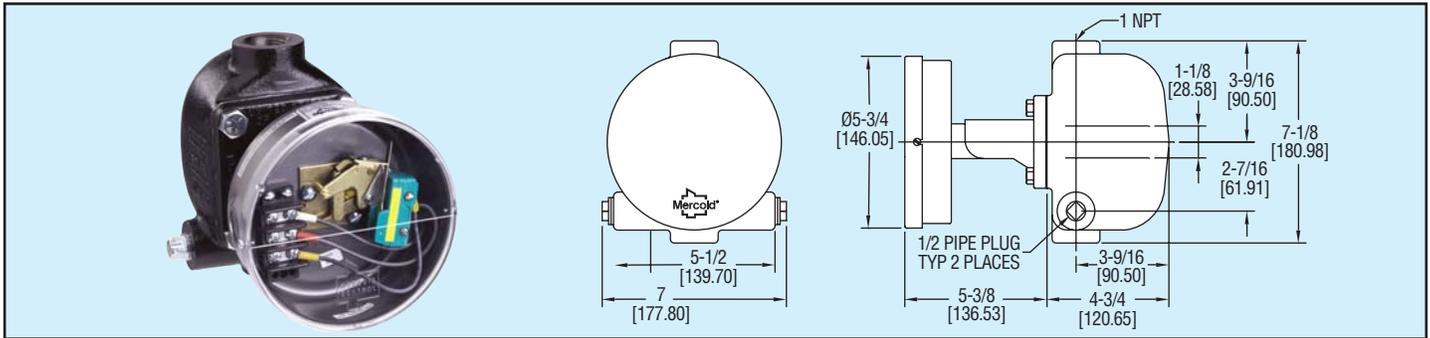




Series 123

Cast Iron Chamber — Water Level Control

Heavy Duty, Snap Action Type



Designed for boiler applications, the model 123 is primarily used for low water cut-off or feed-water control. Other applications include condensate tanks and deaerators. A special positive snap action switch mechanism eliminates frequent operation due to surging water level. A transparent cover provides convenient visible operation of the switch. Features a flanged chamber for easy clean out and replacement of float or switch mechanism without removing the unit from piping.

SPECIFICATIONS

Service: Compatible liquids. Cast iron is not for use with lethal or flammable substances either liquid or gaseous.
Wetted Materials: Body: Cast iron. Float and Trim: 304 SS. Packing Gland: Brass. Packing: Carbon. Body Gasket: Carbon.
Temperature Limit: 365°F (185°C).
Pressure Limit: 150 psig (10.34 bar).
Enclosure Rating: General Purpose. Optional weatherproof.
Switch Type: SPDT snap switch or mercury switch. Optional DPDT or two stage.

Electrical Rating: Snap Switch: 15A @ 120/240/480 VAC, 0.5A @ 120 VDC resistive, 0.25A @ 240 VDC resistive. Mercury Switch: 4A @ 120 VAC/DC, 2A @ 240 VAC/DC.
Electrical Connections: Screw terminal.
Conduit Connection: 7/8" (22.23 mm) hole for 1/2" (12.7 mm) conduit.
Process Connections: 1" female NPT.
Mounting Orientation: Vertical.
Weight: 20 lb (9.1 kg).
Agency Approvals: UL and CSA. (Snap switch is not rated).
Deadband: Approximately 1-1/2" (38.1 mm).
Specific Gravity: 0.88 minimum.
Options: Manual Reset.

MODELS

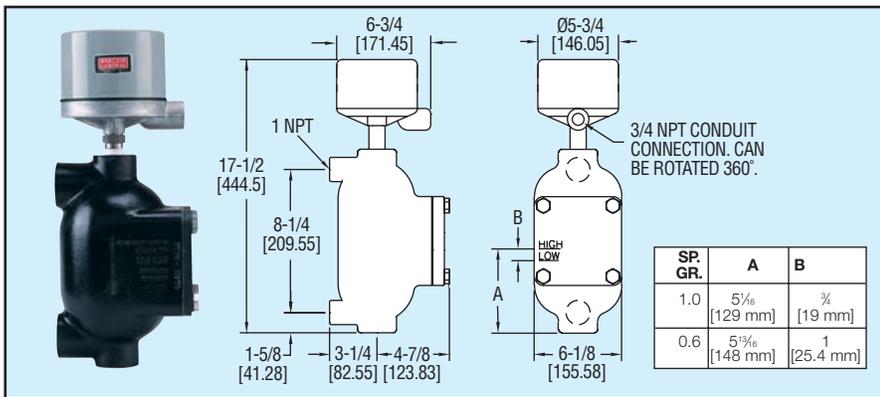
Model Number	Switch Type
123-153	SPDT Mercury
123-7000-153	SPDT Snap



Series 102

Flanged Chamber Type Level Control

Operating Pressures to 300 PSIG



Flanged inspection plate allows periodic inspection and clean-out of Model 102 float chamber, making unit ideal for use in refineries, chemical plants, and other areas with potentially dirty liquids. Low cost cast iron chamber is standard. Carbon steel and stainless steel chambers are available on special order. Stainless steel float is standard.

MODELS

Model Number	Switch Type
102-WT-4810-C-60	SPDT Mercury
102-WT-7810-C-60	SPDT Snap
102-WT-7810HM-C-60	SPDT Hermetically Sealed Snap

SPECIFICATIONS

Service: Compatible liquids. Cast iron is not for use with lethal or flammable substances either liquid or gaseous.
Wetted Materials: Body: Cast iron. Optional cast steel or 316 SS. Float and Trim: 303 SS, 304 SS, 316 SS, and 430 SS. Option of all 316 SS. Body Gasket: Carbon.
Temperature Limit: 425°F (218°C).
Pressure Limit: 300 psig (20.7 bar). Optional rating to 400 psig (27.6 bar).
Enclosure Rating: NEMA 4X. Optional general purpose or explosion-proof.
Repeatability: ±1/4" (6.4 mm).
Switch Type: SPDT snap switch, hermetically sealed snap switch, or mercury switch. Optional DPDT or two stage.
Electrical Rating: Snap Switch: 12A @ 120 VAC, 5A @ 240 VAC, 0.5A @ 125 VDC resistive, 0.25A @ 250 VDC resistive. Hermetically Sealed Snap Switch: 5A @ 125 VAC, 5A @ 240 VAC, 5A @ 30 VDC resistive. Mercury Switch: 4A @ 120 VAC/DC, 2A @ 240 VAC/DC. Higher contact ratings available for the mercury switch.
Electrical Connections: Screw terminal.
Conduit Connection: 3/4" female NPT.
Process Connections: 1" female NPT.
Mounting Orientation: Vertical.
Set Point Adjustment: ±1" (25.4 mm).
Weight: 35 lb (15.9 kg).
Agency Approvals: UL.
Specific Gravity: 0.6 minimum.