

WC & WCS
Screwplug Liquid Level
Control

- Process Temperatures Up to 240°F
- 120 or 240 Vac Input, Single Phase
- Positive OFF When Liquid Level Drops to Expose Output Element
- Single Pole, Single Throw (SPST) Snap-Action Switch
- Manual Reset Required to Re-Energize Heater



Description

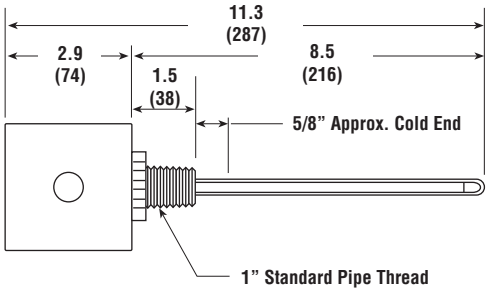
The WC Liquid Level Control consists of a low wattage heater and SPST latching cutout switch, physically designed as a screwplug heater. When the WC is in liquid, the heat of the small wattage heater is dissipated into the liquid. When the liquid level drops below the heater, the thermostat changes states (opens) and remains open until it is physically reset. This action can protect the main process heater and the process.

Features

- Positive Action Switch requires manual reset to re-energize the heater
- Pilot light indicates heater ON.
- 25 Amps Cutout Contact at 277V maximum. For higher voltages or currents, use an external contactor.

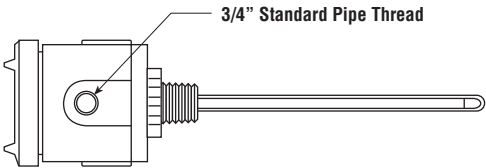
Dimensions

E1 General
Purpose Enclosure



All Dimensions in Inches (mm)

E2 Moisture Resistant/
Explosion Proof Enclosure



Specifications and Ordering Information

| Input Volts | Watts | W/In ² | Material | | | E1 General Purpose | | | | E2 Moisture Resistant/Explosion Proof | | | |
|----------------|-------|-------------------|-------------------|------------|---------------|--------------------|-------|--------|---------------|---------------------------------------|-------|--------|---------------|
| | | | Heater Element | Thermowell | Screw Plug | Model | Stock | PCN | Wt. (Lbs.) | Model | Stock | PCN | Wt. (Lbs.) |
| 120 | 100 | 9.7 | INCOLOY® | Copper | Brass | WC-120 | S | 269501 | 2.5 | WC-120E2 | NS | 269544 | 6 |
| 240 | 200 | 10.4 | INCOLOY® | Copper | Brass | WC-240 | NS | 269510 | 3 | WC-240E2 | NS | 269552 | 7 |
| 120 | 100 | 9.7 | INCOLOY® | INCOLOY® | SST | WCS-120 | S | 269528 | 2.5 | WCS-120E2 | NS | 269560 | 6 |
| 240 | 200 | 10.4 | INCOLOY® | INCOLOY® | SST | WCS-240 | NS | 269536 | 3 | WCS-240E2 | NS | 269579 | 7 |

Stock Status: S = stock NS = non-stock