

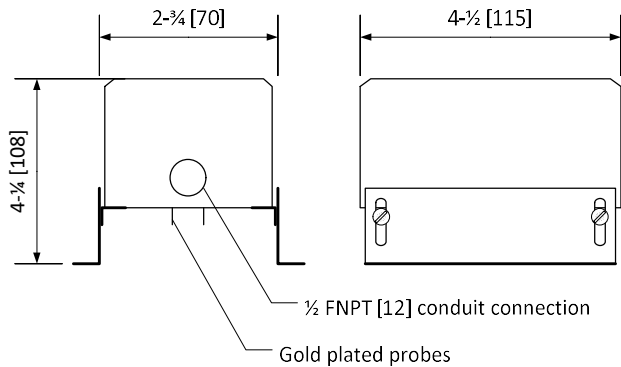


Model FLS-24

### Applications & Features

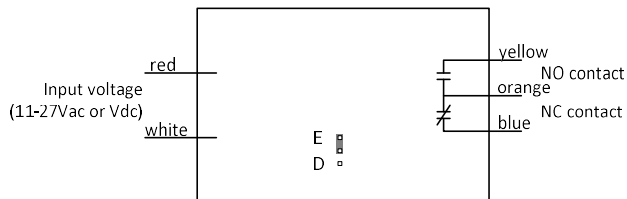
- The Floor leak switch FLS-24 is a water leak detector that will detect water on floor or other surface and will activate Relay, NO and NC contact as well as red LED for alarm.
- Weather resistant enclosure
- Easy to install
- SPDT alarm contacts
- Reliable operation
- Adjustable detection level

### Dimensions



All dimensions in inch [mm]

### Wiring



In case of AC power, connect grounded lead to white wire. Wire minimum size is 18AWG.

E/D options jumpers:

E: output relay energized when water is detected, no alarm in case of power loss.

D: Output relay is de-energized when water is detected or when power is lost, alarm on when water is present or power loss.

### Specifications

- **Supply Voltage:** 11-27 Vac or Vdc
- **Relay:** SPDT
- **Relay rating:** 1A @ 24Vac / Vdc
- **Display:** Green LED= Power ON  
Red LED = Alarm
- **Probes:** Gold plated 1.5in [38mm] adjustable
- **Ambient conditions:** 32 to 158°F [0 to 70°C]
- **Storage Temperature:** -4 to 167°C [-20 to 75°C]
- **Housing:** Cast aluminum, Stainless steel cover
- **Ingress Protection:** IP55 (equivalent to NEMA 4)

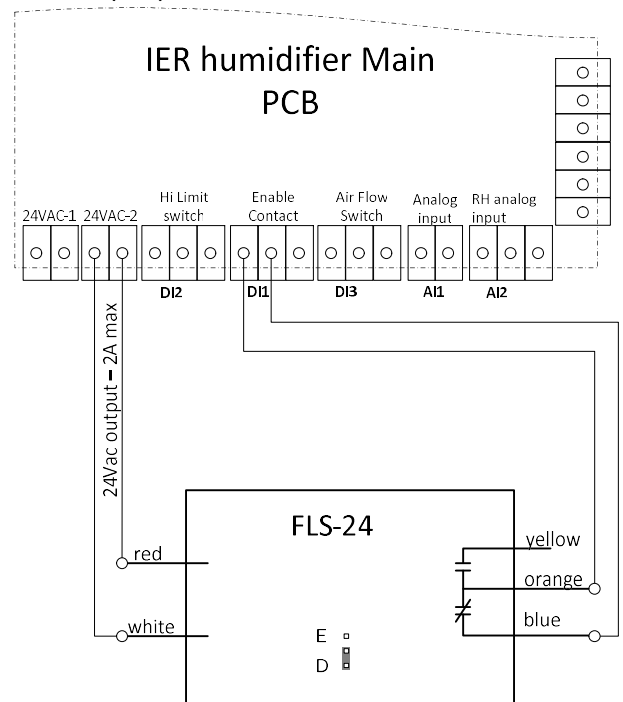
### Mounting

- For quick mounting:  
Secure by applying silicone adhesive to the mounting feet.
- For permanent installation:  
Fasten the sensor using #6 or #8 screws to be inserted in 5mm [3/16in] holes in the feet.
- Adjust the legs according to the max water level to be detected.

### Wiring with IER humidifier

Power FLS-24 from 24Vac output supplied by IER Main PCB.

Connect NC alarm contact from FLS to the enable contact (DI1) on IER Main PCB.



Humidifier will stop in case of water leak detected by FLS-24.