

# Capacitance Level Sensors

## VRF® II Series

- Universal power: connect to AC or DC without adjustment
- Custom process fittings available
- Wide variety of probe options including cable probe and probe extensions
- Remote electronics, up to 100 ft (30 m)

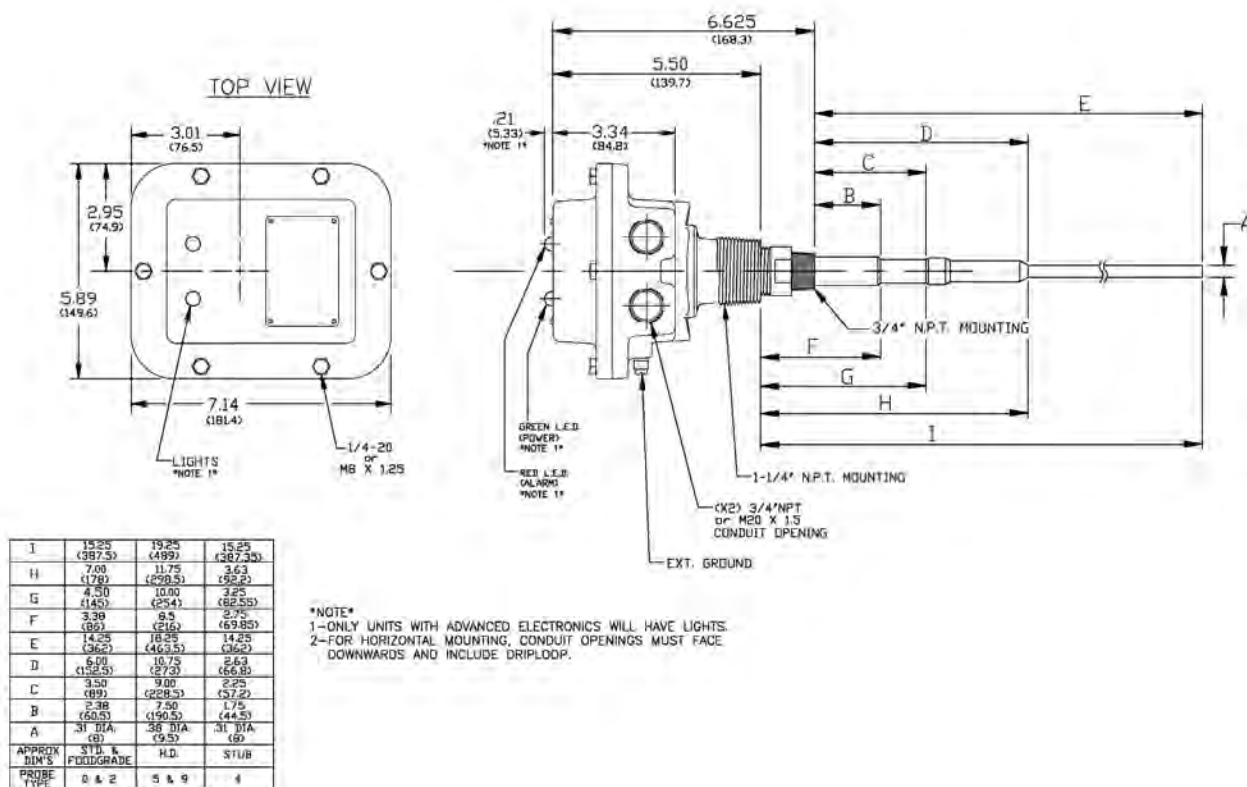
Offering the complete line of capacitance level sensors, featuring 1-step calibration and Test-In-Place, saves you time and money. Quality, wave-soldered, solid-state electronics and high pressure injection molded probes with PRO-GUARD® are just two unique manufacturing features that make this level sensor reliable.

### Benefits

- Sensitivity and control
- Adjustable sensitivity to detect a wide range of materials from grains to plastics
- Adjustable time delay
- Ignores non-conductive build-up on the probe
- Field selectable fail-safe
- Easy to use
- Test in place and calibrate with magnetic key FOB
- Automatic calibration – no potentiometers involved



## VRF® II Series Dimensions



## Specifications

Power Requirements	Universal 110-240 VAC, 50/60 Hz; 24-48 VDC
Temperature	Electronics: -40° to 158° F (-40° to 70° C) Probe: -40° to 993° F (-40° to 534° C) depending on probe *Lagging and/or remote electronics available for higher temperature applications
Output	DPDT 8A resistive @ 240 VAC or 30 VDC Auxiliary relay available
Pressure Rating	Up to 150 psi (10 bar)
Sensitivity	Materials with dielectric constants down to 1.2
Remote Electronics Distance	Up to 100 ft (30 m)
Approvals	Approvals: UL (US and Canada) Ordinary & Hazardous Location; CE