

# Radio Frequency Point Level Sensor

## Model IN-RF

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### Description:

The Model IN-RF Mini Probe is a compact low cost RF Level Sensor that is ideally suited for high or low level point detecting in hoppers, silo tanks and chutes, etc.

### Typical Materials:

- Granulars
- Powders
- Liquids
- Interface
- Slurries



### Features:

- Compact Design
- Bakelite, light alloy or stainless steel enclosure
- Fully sealed against moisture
- Vibration resistant
- Sensitivity Adjustment
- Relay Output
- No moving parts
- High level fail safe or low level fail safe by reverse polarity of power supply

### Performance/Specifications

Power Requirements	12 - 24 volts DC @ 4 - 40mA
Maximum Supply Voltage	28V DC
Relay Output	Changeover contact
Contact Rating	2 Amps @ 30V DC
	0.5 Amps @ 125V DC
Sensitivity	0.1 pf @ 40°C (Field Adjustable)
Operating Temperature	10 to +60°C (Ambient)
Humidity	0 to 100% (Condensing or non-condensing)
Sensing Element	4.8mm Diameter 316 SS (isolated)
	Standard Lengths to order from 75mm to 1500mm
Housing	Standard Housing Bakelite
	Optional Alloy, Stainless Steel
Mounting	1/2" BSP Male Connection