



**FLOW & CONTROL**  
**System Pvt. Ltd.**



**IN A CHANGING WORLD,  
INNOVATION THAT SURVIVE**

**PROCESS • CONTROL • INSTRUMENTS**



**PRODUCT CATALOGUE**



• Mr. Tapan Jana

## About...

FLOW & CONTROL System established in the year 2005 and since then it has been relentlessly working in various fields of Industrial Process Control Automation Industries Include:

- Level Sensing Automation
- Coal Based Power Plant
- Air or Water Pollution Solution
- Waste Water Plant Automation
- Steel Industries Automation
- Solid or Liquid Level Sensors, Rotameter, Flowmeter

Flow & Control System is an ISO 9001-2008 Certified Company, having its registered office situated at New Delhi and manufacturing unit at Faridabad, Haryana. We are backed up by a vibrant and dynamic Marketing Team capable to understand and deliver to the demand and plant requirements of our valuable clients.

A relentless after sales team adds to the strength of the organization and accounts for the never ending relationship which we share with our users.



## Flow & Control System

Our mission is "to deliver globally, the best of quality products at the most economical rates within minimum lead time".







## RF (RADIO FREQUENCY) TYPE LEVEL SWITCH

SERIES : FERF - 200

### MODELS

Electronic Controller  
FERF - 200 EC



Sensing Probe  
FERF - 200 PR



Special  
Co-axial Cable  
FERF-200 CC



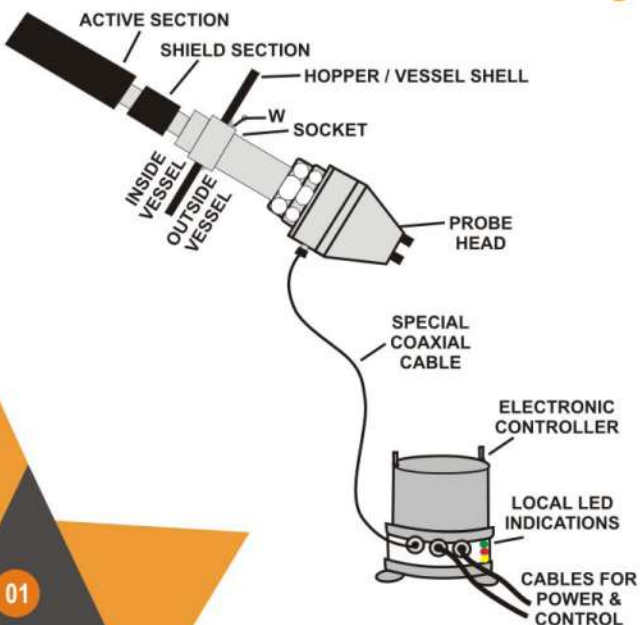
## DESCRIPTION OF FERF - 200

For Normal Temp. upto 250°C :  
**FERF - 200 - STD**

For High Temp. upto 600°C :  
**FERF - 200 - HT**

**NOTE :** Sensing probe models to be selected as per application.

- **For Solid Material : FERF-200 STD**  
Fly ash, Cement, Food grains, Sand etc.  
Temp. : 20°C to 250°C, above 250°C to 600°C use FERF-200 HT
- **For Liquid Material : FERF-200 INS**  
Fully Insulated by PVC, Teflon, PTFE for Water, Acid, Alkali, Milk, Oil, Tarcoal, Chemical etc.  
Temp. : -20°C to 200°C.
- **For Silo, Bunker, Hopper : FERF-200 FLX**  
Probe length : 500mm to 15000 mm.
- **For coal Handling plant CHP application model : FERF-200 FLUSH** Disc type, zero insertion probe.



## STANDARD TECHNICAL SPECIFICATIONS

### 1 ELECTRONIC UNIT

- Solid state, circuitry
- Input supply: 240/110/24 VAC, 50Hz, Single phase or specify.
- DPDT relay output, potential free, rating 5 AMP @ 240 VAC.
- Local LED (Red, Green & Yellow) Indication.
- Cable entry, DC gland or single compression 3/4 ".
- Mounting Fasteners.
- Electrical and other terminal plug and socket type.
- Ingress Protection : IP - 67.
- Enclosure : cast aluminium with industrial grade powder coating.

### 2 SENSING PROBE

- |  |  |
|--|--|
| ○ Active : SS-304, SS-316 or SS316 L.      | ○ No Electronics in Probe. No moving part. |
| ○ Shield : SS-304, SS-316 or SS316 L.      | ○ Temp. : 0°C to 600°C (specify).          |
| ○ Process conn : 40NBBSO Socket or Flange. | ○ Insulation : PTFE / CERAMIC.             |
| ○ Insertion length : 200 mm to 15000 mm.   | ○ IP : 67.                                 |
| ○ Probe head : Cast Aluminium.             | ○ Co-axial cable entry : Gland 1/2".       |

### 3 CO-AXIAL CABLE

- 100 Feet Max Length. Remote from electronic unit to probe.

