

## RF Admittance Level Switch

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RF Admittance Level Switch FRFS series adopts advanced RF admittance technology and overcomes the defects that the capacitor level switch could not eliminate the effect by conductive hanging material. The instrument operates reliably and various technical indexes have archived the international level, which is widely used in control and alarm of liquid, pulp, powder, material level and two different liquid levels. In addition, this product have status indication at site, it is a high cost performance and stable level sensor.



## FEATURES

- PP | PVC | PVDF | 316 SS
- Tank Measurement up to 10 ft High
- Excellent Chemical Resistance
- Easy Installation
- Two-wire 4-20mA Output
- Epoxy Coated Junction Box
- NPT | Flange Connection
- Suitable for Corrosive Non-Coating Liquids

## PODUCTS APPLICATION

- **Conductive and isolated liquid** - Oil field and chemical industry
- **Conductive and isolated pulp** - Paper making and metallurgy
- **Particles and Power** - Food, feedstuffs, power plant, cement, environment protection industry etc

## SPECIFICATIONS

Power Supply	220VAC, 50/60Hz   24VDC, 100mA
Sensitivity	0.3pF or smaller
Operating Temperature	-20 ~ 180°
Ambient Temperature	-40 ~ 80°
Working pressure	-0.1-2.5MPa
Output	DPDT Relay
Contact rating	220VAC, SA non-inductive, 3A inductive
Response Time	Standard : 0.2 S
Delay Time	0.2 - 90 S adjustable
Electric Interfac	eM20 x 1.5
Explosion-proof Grade	Explosion-proof : ExdIIBT4-T6, Intrinsical Safety : ExialICT4-T6
Protection Grade	IP65
Process Connection	Standard : 3/4" NPT thread   1" NPT thread
Material Contacts Liquid	304   316SS and PTFE
Junction Box Material	Aluminum Alloy

