

RF Admittance Level Switch Solids |RF Type |Industry-Leading 450°C



Cape-11 RF Admittance Level Switch

Overview

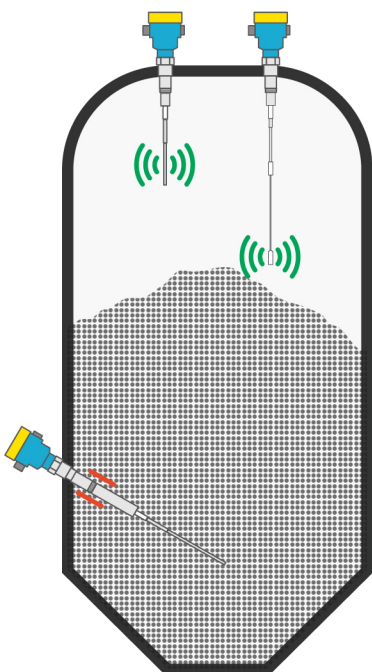
The Cape-11 RF admittance level switch is specially developed for fly ash level measurement. Jiwei adopts proprietary technology and advanced manufacturing processes, ensuring excellent versatility and high reliability. The product features a modular design and an external LED indicator for convenient remote monitoring.

Principle

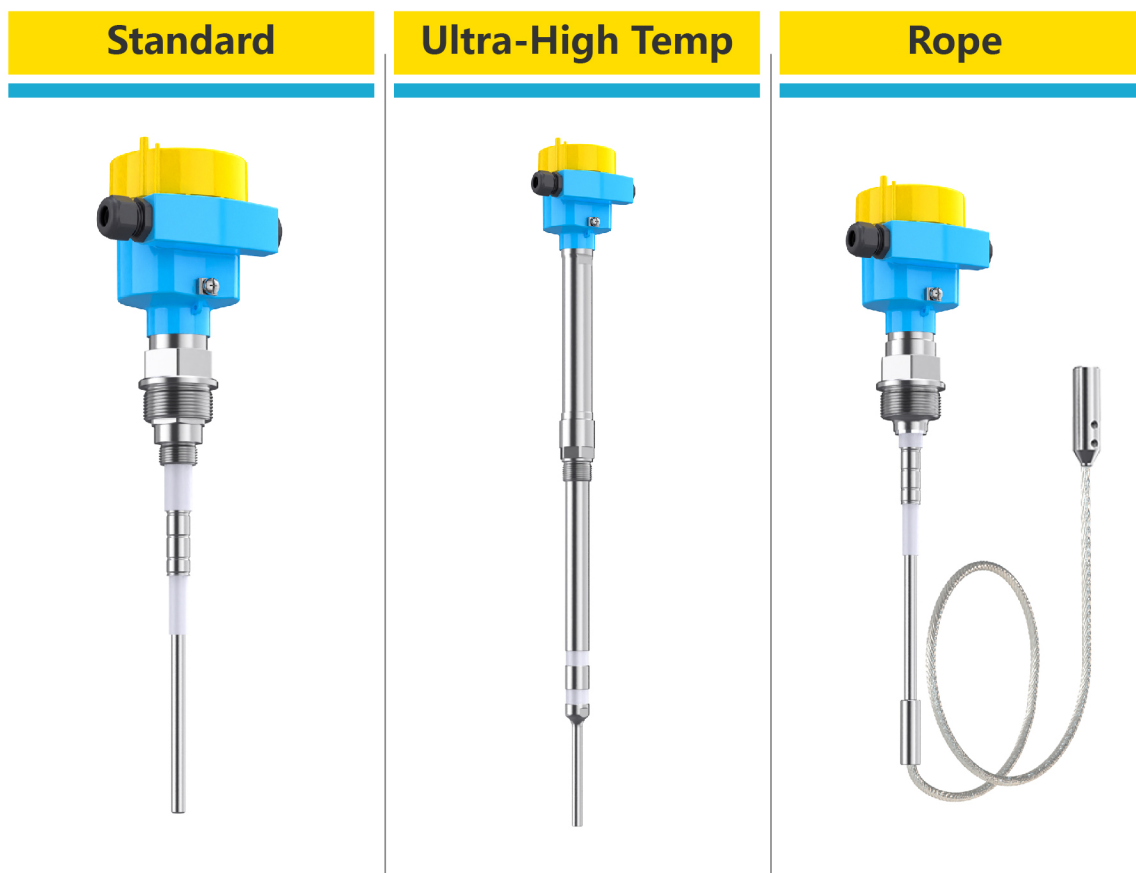
The RF admittance level switch applies a high-frequency signal to the probe and detects changes in dielectric constant and conductivity of the material to monitor level variations in real time.

Benefits

- **450°C High-Temperature Resistance:** Industry-leading temperature endurance.
- **External Dual-Color LED Indicator:** Enables easy remote status monitoring.
- **Cable Probe Version:** Designed for large silos and tall vessels; vertical installation reduces material impact.
- **Modular Design:** Improves efficiency and simplifies maintenance.



*Patent: 201520332293.3



Applications	<ul style="list-style-type: none"> Designed for dusty industrial environments, it is ideal for monitoring the level of powdered materials like pulverized coal, fly ash, and cement clinker in applications such as power plant ash hoppers, coal bunkers, and desulfurization silos. 		
Measurement Medium	Coal ash and powder		
Process Temp	-40 ~ 250°C	-40 ~ 450°C	-40 ~ 250°C
Probe length	250 ~ 2000mm	400 ~ 1800mm	600 ~ 6000mm
Process Connection	Flange, thread (304/316 stainless steel customizable)		
Signal Output	Relay		
Ingress Protection	IP66		