

RF Capacitance Level Switches

Whether the application involves aggregate, pellets, granules, powders, chips or flakes, ABB's RF Capacitance level transmitters feature one of the largest selections of probe elements. In addition, the RF design means there are no moving parts to break or wear out.

Customer benefits:

- No moving parts
- Reliable, maintenance free service

Industries served:

- Pulp and paper processing
- Mining
- Food and beverage
- Rocks, sand and gravel (aggregates)
- Plastics
- Chemical processing



A02 High Sensitivity RF Level Switch

The A02 high sensitivity RF switch is used in dry bulk and liquid applications and special applications, such as, high temperature, corrosive environments, high pressure and special probe materials.

- Remote Mounting Up To 50 Feet
- Built-In Static Protection
- DPDT Relay
- Ambient Temperatures Up to 185°F/ 85°C
- Explosion-Proof Enclosure

A75 RF level switch



The A75 RF level switch is used in dry bulk and liquid applications.

- For high temperature, corrosive environments, high pressure and special probe materials.
- Low Cost
- Totally Potted Electronics
- Built-In Static Protection
- Vibration Resistant
- DPDT Relay
- Ambient Temperatures Up to

KCAP300™

KCAP300™ is used in bulk solids and liquid applications, such as pellets, granules, powders, slurries, flow / no flow, conductive products and interface.

- Liquids and Bulk Solids
- KSHIELD™ Sensing Probes and Single Set point
- Electronics that Provide Immunity to Buildup
- Integral and Remote Electronics



KCAP400™

The KCAP400™ is a dual set point and pump control capacitance switch used in bulk solids and liquid applications. Applications include, but are not limited to:

- Plugged chute detection
- Fly ash hopper level, interface,
- Slurries

ABB's RF Capacitance level switches feature one-step external calibration, immunity to material build-up, and a wide selection of probes for even the most challenging applications from low dielectric bulk solids to sticky slurries.



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