



RS4000 Rotation Switch Series

Description

The Rotating Switch vane is driven by a slow speed synchronous geared motor.

For safe and multi-purpose level monitoring in all types of containers and silos.

It can be used with all bulk materials and powders as a point switch.

Points of Difference

Why Use RS400 Rotation Switch?

Advantages

- Universally applicable as a full, empty and demand alarm on silos containing solids
- Proven principle
- Simple operation.

Principle of Operation

The rotating measuring vane is driven by a brushless synchronous motor.

Once the material level reaches the vane, it stops rotating, which is detected by a micro switch to stop the motor and switch the level output.

Once the material level begins to fall and the vane is free of material the motor will restart and the vane will rotate again.

Primary Areas of Application

Plastic Industry:

Powder, Granular, Pellets and etc.

Building Industry:

Lime, Styrofoam, Molding Sand, Urea, Cement, Gypsum, Crushed Rock

Food Industry:

Milk Powder, Flour, Salt, Sugar, Minerals, Herbs, Grain

Paper & Pulp Industry:

Wood Chips, Saw Dust and etc.

Chemical Industry:

Rubber, Coating, Foam

Features

- ATEX and FM approvals for use in dust explosion areas
- No calibration
- High reliability
- Robust
- Wide range of applications
- Enclosure rating IP66 / NEMA 4
- Friction clutch: protects gears against mechanical blows to the vane
- Two different probe lengths
- Selectable sensitivity for low density powders.





Typical Applications

High or Low Level Detector In Containers and Silos.

