



SE250 Rotary Paddle Level Switch



Working Principle

The transmission shaft and clutch of the unit connect together. During normal operation, (no materials exist) the motor rotates the paddle at 1 RPM. When this paddle rotation is impeded by material, surrounding the paddle, motor will stall and cause the Micro-switch to change statue (indicating an alarm or control)

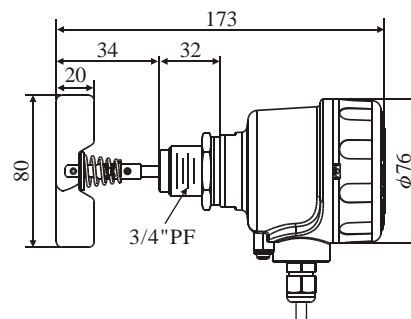
Product Features

- Folded paddle, free of dismantle the paddle during installing.
- Aluminum housing with sturdy and durable feature.
- Hermetically seal, suitable for outdoor application.
- Unique sealing ring design, it can prevent the dust from permeating into the housing body along with the shaft.
- The torque force is adjustable and reliable.
- Simple design, easy to install.
- If the paddle bears overload, the motor will slide automatically to prevent the inside mechanism from damaged.
- The inside mechanisms are easily tore down for checking, maintenance and replacement. It doesn't necessary to remove the complete set from the tank.

Applications

Suitable for chemical, plastic, pharmacy, feed, cement, fertilizer, food and processing Industries. It is for solids, grains or powder.

Product Dimension



Product Specification

1. Power supply: (A)110Vac (B)220Vac (C)240Vac 50/60Hz (D)24Vac (E)24Vdc
2. Consumption: 1.5W(ac), 3W(24Vdc)
3. Contact capacity: 3A/250Vac
4. Paddle rotary speed: 1RPM
5. Operation temperature: -20~70 °C
6. Measuring torque: 25~155 g-cm
7. Specific gravity: 0.3g/cm³
8. Standard connection: 3/4\"PF(screw)
9. PVC cable entry 22 AWG, 300mm length



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