

LEVEL SWITCH

ROTATING PADDLE

INTRODUCTION

The purpose of the rotary paddle level switch is to detect the presence of solid/powdery material in most kinds of tanks, bins and containers. The unit is usually located through a bin wall at the top, middle or low level of a tank. During normal operation (no material present) a synchronous motor rotates the paddle at one RPM speed. When this paddle rotation is stopped by material movement, surrounding the paddle, motor will stall and cause the Micro-switch to change state (indicating an alarm or control).



FEATURES

- Outdoor environment application
- Stable and reliable performance
- Lightweight and easy to install
- Practically designed to allow maintenance

APPLICATION

- Plastics and synthetics
- Chemicals and fertilizer
- Pharmaceuticals
- Food and beverage
- Agriculture and fodder mills/depots
- Cement as well as ceramics
- Power plants

SPECIFICATIONS

All specifications at ambient of 25 °C, unless specified otherwise

Power source	110 VAC or 220 VAC
Power consumption	≤10W max
Contact rating	SPDT, 5A @ 250 VAC
Rotary speed	1 RPM
Insulation test voltage	2500V @ 50/60Hz
Process Connection	1" BSP threaded or flanged
Enclosure Protection	IP65, ABS plastic
Conduit	½" ET
Material density	0.5 g/cm (min)

ORDERING INFORMATION

ITEM	MODEL	ORDER CODE
ROTATING PADDLE LEVEL SWITCH	RPS201	2527

CAT#552R0

ENQUIRIES

Instruments: sales@radix.co.in
Sensors: sensors@radix.co.in
Gauges: gauges@radix.co.in
Automation: automation@radix.co.in
Level: level@radix.co.in

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