

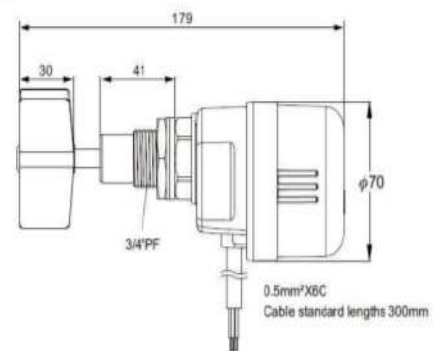
Techsense Bangladesh Ltd

ROTARY PADDLE LEVEL SWITCH Code : SE290B

The purpose of SE series operating principle 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 bin. During normal operation a synchronous motor rotates the paddle at RPM. When this paddle rotation is impeded by material, surrounding the paddle, motor will stall and cause the Micro-switch to change state (indicating an alarm or control). If the rotary paddle bears an extra over load, the motor will be appeared slide to prevent the inside mechanism damaged. The performance of torsion is stable and Reliable

General Attributes

■ Power source	: 240V AC 50/60Hz
■ Contact capacity	: SPDT 3A/250VAC
■ Power consumption	: 1.5W
■ Operating temperature	: -66° C ~86° C
■ Junction box material	: PC
■ Applicable density	: 0.3g/cm ³
■ Rotary speed	: 1 R.P.M
■ Torque	: 1.1~1.6kg-cm K0.2
■ Connection	: 3/4"PF
■ Paddle material	: PC ` SUS304
■ Protection class	: IP 65
■ Paddle shape	: Cross paddle (plastic)
■ Cable length	: 300mm



Wiring diagram

Application Notes

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

For further information please visit : <https://goo.gl/AAX9uR>