

Product overview

- Inspect the rotating blade switch technology of bulk solid material;
- The highly integrated mechanical seal can prevent the dust infiltration along the axis;
- The unique elastic clutch structure will automatically protect the motor when the blade overload occurs;
- The complete mechanical and electrical separation structure is disassembly-free and easily maintained;
- The special blade can be used for low density material;
- The process connector is used with simple installation.

Product features

- Supply voltage: Standard type: 220VAC (110VAC, 24VAC and 24VDC are optional);
- Contact capacity: 250VAC / 5A (resistive load) and SPDT (short-hilted broadsword and double throw);
- Operating temperature: -10~80°C (High temperature type: 200°C)
- Blade speed: 1rpm;
- Blade material: SUS304;
- Protection grade: IP65;
- Outlet: M20X1.5.



Product parameters

Typical application	Monitor various solid materials
	such as cereal, milk powder, cement, lime, coal ash, processing raw material, detergent and plastic particle
Typical process	Electric power, metallurgy, cement, chemical engineering, chemical fertilizer, mining, coal, lime, food and fodder
Measuring range:	Canful monitoring, intermediate quantity monitoring and empty can monitoring
Authentication	CE and ATEX II 1/2D Zone 20/21
Medium temperature	-40°C ~ +350°C
Ambient temperature	-40°C ~ +60°C
Container pressure	-0.5..+10bar
Power supply	230VAC, 115VAC, 48VAC, 24VAC, 24VDC and Multivoltage
Signal output:	SPDT and DPDT
Process connection	Threaded G 11/2", 11/4", 1", M32x1.5, M30x1.5, NPT 11/2", 1 1/4", 1"
	Flanged: DN100 PN16, DN32 PN6, 2", 3", 4" 150lbs and 150x150
Process connection & stretch material	Aluminum and stainless steel
Extension length	70..300mm (top mounting) and 70..150mm (side mounting and slanting installation)
Measurement of paddle	Boot-shaped, rectangle and spring hinge
Cable inlet	M20x1.5 (CE, ATEX) and NPT 1/2" (FM&CSA)
Enclosure	Aluminum and epoxy resin coating
Protection grade	IP66 NEMA 4 Type 4
Option	Weather shield, fabricated section, cable inlet, mobile cutting sleeve, enhanced sensitivity and signal lamp
Features	Suitable for various solid materials, not sensitive to dust, conductive, viscous and wet material, etc.,
	completely maintenance-free, adjustable sensitivity, rotatable enclosure and high mechanical shock resistance