



FEATURES AND BENEFITS

Simple Mechanical Device

• No calibration required

Wide Variety of Paddle Options

• Unequaled application versatility

Mount in Any Orientation

• Mount sensor for high, intermediate, or low level control

Explosion Proof & Stainless Steel Enclosures Available

Special Motor Design

• Allows power to be applied all the time, producing heat and eliminating condensation inside the enclosure.

Captive Screws

No lost screws

Super Safe Operation

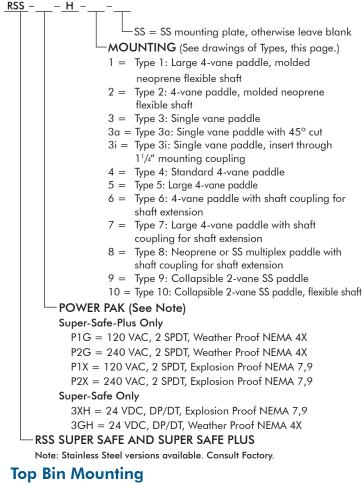
 In the event of power loss, open or shorted motor circuit, component failure of motor or clutch (output shaft stops rotating) in either high or low level applications, Super-Safe-Plus, operation will generate the desired control response from the output relay and provide notification of failure. **DESCRIPTION** The Roto-Bin-Dicator[®] is the most universal of all level sensing technologies and is the most popular level switch used in dry bulk materials. The Roto-Bin-Dicator[®] is a rotating paddle type, bulk material level sensor offered with a wide variety of paddle options for unequaled application versatility. It is easy to install and requires no special tools or calibration.

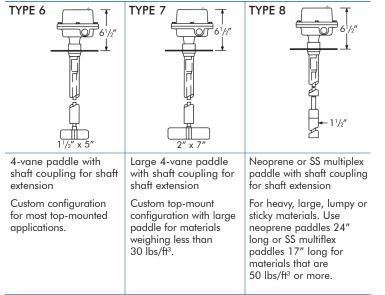
SPECIFICATIONS

FUNCTIONAL

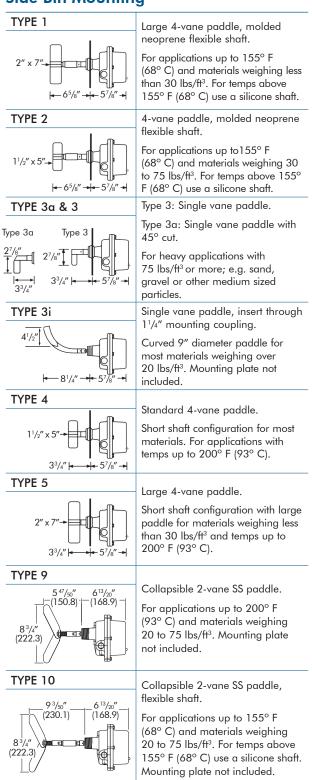
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Operating Power	120 VAC, 240 VAC or 24 VDC* (*Super-Safe models only)
Power Consumption	7 watts; 1/8 amp internally fused
Motor Rating	4 watts, 1 rpm
Relay	Level Alarm contacts: SPDT, 1 Form C, 10 amps at 125 VAC, 6 amps at 277 VAC, 5 amps at 30 VDC
	Failure Indication contacts: SPDT, 1 Form C, 0.6 amps at 125 VAC, 2 amps at 30 VDC
Fail-Safe Circuitry	Low or high level field selectable
Operating Temperature	-40° to 200° F (-40° to 93° C)
PHYSICAL	
Drive Shaft Assembly	Precision machined shaft with two shielded ball bearings
Shaft Seal	Teflon [®] /Viton [®] Lipseal rated ¹ / ₂ Micron at 30 psi (2.1 kg/cm ²) at 400° F (204° C)
Housing and Cover	Dust-tight and weatherproof (NEMA 4X) polyester-coated aluminum casting
Mounting Plate	8" outside diameter with 1 ¹ /4" NPT pipe threaded coupling; standard polyester coated mild steel; optional 304 SS
Rigid Shaft and Paddle	Metal parts of all designs are 304 SS
Flex Shaft	Available in either neoprene, 155° F (68° C) or silicone, 400° F (204° C) coatings
Pulse Wheel	Multi-toothed pulse wheel with an opti-reflective circuit
External Lights	Green (power/diagnostics) and red (alarm/ diagnostics) lights
Shipping Weight	Aluminum housing 10 lbs, SS housing 16 lbs
APPROVALS	
	UL: General Purpose
	Class I, Groups C and D; Class II, Groups
	E, F and G; Type 4, 4x

HOW TO ORDER





Side Bin Mounting





150 Venture Boulevard · Spartanburg, SC 29306 Tel: (800) 778-9242 · (864) 574-8060 Fax: (864) 574-8063 E-mail: sales@bindicator.com www.bindicator.com

Venture measurement

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