DAZIC®

ZERO SPEED SWITCHES

DAZIC® Zero Speed Switches monitor the rotary motion of the equipment when interlocked as part of a conveyor system, or other shaft-driven process components. When driven from a critical shaft, a switch can be electronically fitted to actuate a signal or alarm device, break a circuit to a motor, make a circuit to start auxiliary equipment, make or break a circuit to other electrical devices, or signal a control station PLC.

RotoGuard® III
(Electronic)

PROX-MICRO
(Inductive Proximity)

Explosion Proof
(Electromechanical)

2100 & 8100 Series
Base Mount
(Electromechanical)

4100 Series
(Electromechanical)

2100 & 8100 Series
Flange Mount
(Electromechanical)

CONTROL CONCEPTS USA™

Control Concepts, Inc.
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Putnam, CT 06260

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(860) 928-6551
www.ControlConceptsUSA.com
www.SpeedSwitch.com

DAZIC®

ZERO SPEED SWITCHES

Product Line

MODEL	2100 Series	4100 Series	8100 Series	RotoGuard® III	PROX-MICRO
STYLE	Electro-Mechanical	Electro-Mechanical	Electro-Mechanical	Electronic	Inductive Proximity
ELECTRICITY REQUIRED	No	No	No	Yes	Yes
DRIVER OPTIONS	Shaft-to-Shaft	V-Belt	Shaft-to-Shaft	Shaft-to-Shaft	Sensor
		Roller Chain		V-Belt	
		Sprocket		Chains	
RPM OPERATING RANGE	4 – 2,000	4 – 1,800	0.5 – 25	Up to 400	Up to 30,000
AVAILABLE HOUSINGS	Aluminum	Aluminum	Aluminum	Aluminum	Cast Aluminum with Lexan Cover
	Cast Iron	Cast Iron	Cast Iron	Explosion Proof	
	Explosion Proof		Explosion Proof		
NEMA RATINGS	4 / 4x	4 / 4x	4 / 4x	4 / 5	4 / 5
	7 / 9		7 / 9	7 / 9	
USER ADJUSTABLE	Model Specific	Model Specific	Model Specific	Model Specific	Yes
MOUNTING OPTIONS	Base Mount	Base Mount	Base Mount	Base Mount	Base Mount with Remote Sensor
	Flange		Flange		
	Flange with Pilot		Flange with Pilot		
WIRING CONTACTS *	SPDT	SPDT	SPDT	DPDT	SPDT
	DPDT	DPDT	DPDT		
	SPDT(2)	SPDT(2)	SPDT(2)		

* **SPDT**= Single Pole Double Throw
DPDT = Double Pole Double Throw
SPDT(2) = Single Pole Double Throw – Direction Indicating

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