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)

Explosion Proof
(Electromechanical)

PROX-MICRO
(Inductive Proximity)

2100 & 8100 Series
Base Mount
(Electromechanical)

4100 Series
(Electromechanical)

2100 & 8100 Series
Flange Mount
(Electromechanical)
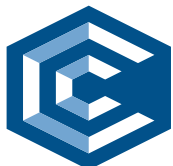
CONTROL CONCEPTS USA

Control Concepts, Inc.
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Brooklyn, CT 06234

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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 / Roller Chain / Sprocket	Shaft-to-Shaft	Shaft-to-Shaft / V-Belt / Chains	Sensor
RPM OPERATING RANGE	4 – 2,000	4 – 1,800	0.5 – 25	Up to 400	Up to 30,000
AVAILABLE HOUSINGS	Aluminum / Cast Iron / Explosion Proof	Aluminum / Cast Iron	Aluminum / Cast Iron / Explosion Proof	Aluminum / Explosion Proof	Cast Aluminum with Lexan Cover
NEMA RATINGS	4 / 4x / 7 / 9	4 / 4x	4 / 4x / 7 / 9	4 / 5 / 7 / 9	4 / 5
USER ADJUSTABLE	Model Specific	Model Specific	Model Specific	Model Specific	Yes
MOUNTING OPTIONS	Base Mount / Flange / Flange with Pilot	Base Mount	Base Mount / Flange / Flange with Pilot	Base Mount	Base Mount with Remote Sensor
WIRING CONTACTS *	SPDT / DPDT / SPDT(2)	SPDT / DPDT / SPDT(2)	SPDT / DPDT / SPDT(2)	DPDT	SPDT

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

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