Flat Belt End Conveyor Sensors

9-360-51SS / 11R-360-51SS

DETECT ALUMINUM AND STEEL ENDS WHILE BEING CONVEYED ON A FLAT BELT CONVEYOR

Primarily for die protection in high speed press conveyor systems

BENEFITS
Die protection
Positive end detection
Robust design
Maintenance free

Also used for part tracking, inspection system triggering and jam detection

DIE PROTECTION — With a fast response time of <1 millisecond, the primary use for these sensors is for die protection in high speed press conveyor systems.

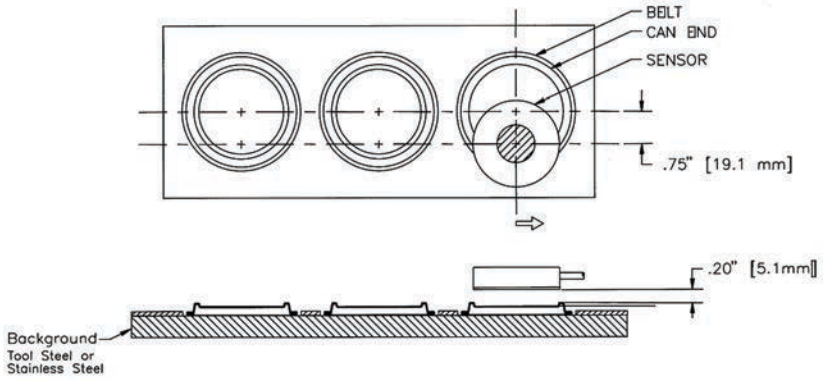
POSITIVE END DETECTION — Special circuitry and tuning enables the end to be detected but not the steel bed beneath the conveyor belt. A specially tailored narrow sensing field also reduces the effect of side metal.

ROBUST DESIGN — Slim 'pancake' style housing and rugged stainless steel construction give these sensors a long life and great reliability.

MAINTENANCE FREE —The use of inductive sensing technology eliminates the need for maintenance.

ADDITIONAL BENEFITS — These sensors can also be used for part tracking, inspection system triggering and jam detection.

NOTE: For die protection and in circumstances where ends are closely spaced, the sensor should be mounted off the center line to prevent ends bridging the sensing field (*see below*)



FEATURES
Operation: 11 TO 30 VDC
Outputs: Current source (PNP) and sink (NPN)
Response Time: < 1 millisecond
Narrow sensing field to reduce effect of side metal
Senses ends not the conveyor belt
Rugged stainless steel construction
Slim 'pancake' style housing

360 SERIES SENSOR SELECTION GUIDE Alternative configurations available on request

Model	Maximum Actuation Point (Ferrous Metals)	Remote Adjustment	Quick Disconnect Cable	Supply Voltage Range	Response Time
9-360-51-SS*	0.250" (6.35 mm)	●	●	11 to 30 VDC	Less than 1 millisecond
11R-360-51-SS*	0.250" (6.35 mm)	●	●	11 to 30 VDC	Less than 1 millisecond

*Adjustable models which require supporting termination equipment. Please consult Sencon for advice

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