



EC Declaration of Conformity

MANUFACTURER: Lion Precision
563 Shoreview Park Road
St. Paul, MN 55126-7014

APPARATUS: Fork Label Sensor

TYPES: *LRD8200*

This Apparatus conforms to the following European Directives:

Council Directive 2004/108/EC Electromagnetic Compatibility Directive.

The following standards were used to assess the products:

Standard: IEC 60947-5-2:2007
Low-voltage switchgear and control gear: Part 5-2: Control circuit devices and switching elements – Proximity switches

Date of issue: October 8, 2009

Don Martin, President

IMMUNITY**ENCLOSURE:**

TEST	STANDARD	TEST VALUE	COMPLIANCE
ELECTROSTATIC DISCHARGE	IEC 61000-4-2	4 kV/8 kV contact/air	Criterion B
EM FIELD	IEC 61000-4-3	3 V/m	Criterion A
RADIATED POWER FREQ MAGNETIC FIELD	IEC 61000-4-8	30 A/m	Criterion A

AC POWER:

TEST	STANDARD	TEST VALUE	COMPLIANCE
BURST	IEC 61000-4-4	2 kV	Criterion A
CONDUCTED RF	IEC 61000-4-6	3 V	Criterion A

I/O SIGNAL/CONTROL:

TEST	STANDARD	TEST VALUE	COMPLIANCE
BURST	IEC 61000-4-4	1 kV	Criterion A
CONDUCTED RF	IEC 61000-4-6	3 V	Criterion A

EMISSIONS: Class A

TEST	RANGE	LIMITS
ENCLOSURE	30 to 230MHz	40db (uV/M)quasi peak, measured at 10 m
	230 to 1000MHz	47db (uV/M)quasi peak, measured at 10 m
AC MAINS	0.15 to 0.5 MHz	79db (uV)quasi peak 66db average
	0.5 to 5 MHz	73db (uV)quasi peak 60db average
	5 to 30 MHz	73db (uV)quasi peak 60db average