



Certificate of Compliance

Certificate Number: LR 105990-1

Revision: LR 105990-3

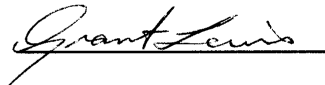
Date Issued: July 27, 1998

Issued To: MOTION SENSORS, INC.
786 Pitts Chappel Rd.
Elizabeth City, NC 27909
USA
Attention: Mr. John DeFeo

*The products listed below are eligible to bear the CSA Mark shown,
with adjacent indicator NRTL/C.*



Issued by: G. Lewis, C.E.T.
Toronto, ON Canada

Signature: 

PRODUCTS

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations
CLASS 2258 84 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations -
CERTIFIED TO U.S. STANDARDS

Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III:

- Pick-up Coil Model Series PC45-xxx and RF10-xxx. Intrinsically Safe per Installation Drawing No. ST-A-1218-6 (PC45-xxx) and ST-A-1220-6 (RF10-xxx).

Entity Parameters for Series PC45-xxx are $V_{max} = 30V$, $I_{max} = 300mA$, $C_i = 0$, $L_i = 0$.

Entity Parameters for Series RF10-xxx are $V_{max} = 30V$, $I_{max} = 160mA$, $I_{max} = 300mA$ (Class I, Groups C and D, Class II, Groups E, F and G, Class III only), $C_i = 0$, $L_i = 1.2mH$.

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The "NRTL/C" indicator adjacent to the CSA Mark signifies that the product has been evaluated to the applicable ANSI/UL and CSA Standards, for use in the U.S. and Canada. NRTL, i.e. Nationally Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.

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Notes:

1. "xxx" in the Model Number may be any combination of numbers and characters representing specific coil type.
2. Pick-up coils equipped with a connector are only suitable for Class I Groups A, B, C, D, Class II Group G and Coal Dust and Class III.

APPLICABLE REQUIREMENTS

CSA Std C22.2 No.	142-M1987	-	Process Control Equipment
CAN/CSA-C22.2 No.	157-92	-	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
UL Std No.	508	-	Industrial Control Equipment
UL Std No.	913	-	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division 1, Hazardous Locations