



Certificate of Compliance

Certificate: 1464604

Master Contract: 221562

Project: 80070527

Date Issued: 2021-06-04

Issued To: Magnetic Sensors Corporation
1365 N McCan St
Anaheim, California, 92806
United States

Attention: Mario Gregory

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Siros Ghanbar-zadeh
Siros Ghanbarzadeh

PRODUCTS

CLASS - C225802 - PROCESS CONTROL EQUIPMENT For Hazardous Locations

CLASS - C225882 - PROCESS CONTROL EQUIPMENT For Hazardous Locations - Certified to US Standards

Class I, Groups A, B, C and D; T-Code T5, Maximum Ambient 100°C.

Variable Reluctance Speed Sensors – CSA/ATEX Series **Model Number 4010xx-xx**, Rated Output 63Vp-p or 5Vp-p, 30mA maximum; No input power required (self-generating). Operating Temperature range of - 65° C to +100° C

Group A Models:

Where xx-xx = **31-70** 1.8” threaded & 3.050” total length (63 V p-p output) L = 60mH
31-80 3.117” threaded & 4.375” total length (63 V p-p output) L = 60mH
33-10 4.00” threaded & 5.25” total length (63 V p-p output) L= 60mH
33-30 2.75” threaded & 4.00” total length (63 V p-p output) L= 60mH
33-40 6.00” threaded & 7.25” total length (63 V p-p output) L= 60mH
92-40 1.867” threaded & 3.117” total length (63 V p-p output) L = 60mH
35-00 1.867” threaded & 3.117” total length (63 V p-p output) L = 60mH



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Group B Models:

Where xx-xx = **34-30** 1.8” threaded & 3.050” total length (5 V p-p output) L = 60mH
34-40 3.117” threaded & 4.375” total length (5 V p-p output) L = 60mH
34-50 4.00” threaded & 5.25” total length (5 V p-p output) L = 60mH
34-60 2.75” threaded & 4.00” total length (5 V p-p output) L = 60mH
34-70 6.00” threaded & 7.25” total length (5 V p-p output) L = 60mH
34-80 1.867” threaded & 3.117” total length (5 V p-p output) L = 60mH

APPLICABLE REQUIREMENTS

CSA C22.2 No. 0-10	General Requirements - Canadian Electrical Code Part II
CSA-C22.2 No. 0.4-04	Bonding and Grounding of Electrical Equipment (Protective Grounding)
CSA C22.2 No. 30-M1986	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CSA C22.2 No. 142-M1987	Process Control Equipment
UL 508, Seventeenth Edition	Industrial Control Equipment
UL 1203, Fourth Edition	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

- Submitter's identification, CSA File number "221562" and/or registered trade mark.
- CSA Monogram.
- Date code or serial number traceable to month and year of manufacture.
- Model designation.
- Complete electrical ratings.
- Hazardous Locations designations.
- Temperature Code "T5" (optional).
- Maximum Ambient 100° C.



Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80070527	2021-06-04	FIR follow-up, update to report 1464604 for non-conformance issues noted in FC# 255634, FIR dated Nov. 8, 2019, revised descriptive drawings needed.
2563627	2012-12-04	Update to report 1464604 to include revised drawings and minor construction details change on all models certified.
1966189	2007-10-24	Update report 1464604 to include new model of Speed Sensors.
1909150	2007-06-07	Update report 1464604 to include new model of Speed Sensors.

History

1464604 - September 29, 2003 - Original Certification. Variable Reluctance Speed Sensors - Model CSA/ATEX Series models 401092-40, 401031-70, 401031-80, 401033-10, 401033-30 and 401033-40.