



Certificate of Compliance

Certificate: 70168918

Master Contract: 211107

Project: 70168918

Date Issued: 2019-05-22

Issued To: Winters Instruments
121 Railside Rd
Toronto, Ontario, M3A 1B2
Canada

Attention: David Reay

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 - C323801 - SWITCHES Automatic - Pressure Type - For Hazardous Locations

CLASS - C323881 - SWITCHES-Automatic-Pressure Type For Hazardous Locations-Certified to U.S. Standards

Class I, Groups B, C, D; Class II, Groups E, F and G, Enclosure Type 4X.

9WPS-XXX Series Pressure Switch, contact ratings 11A/125 or 250VAC, 5A/30VDC.

Pressure Range psi (bar)		Fitting Size	
Min.	Max.	Code (1/4" NPT)	Code (1/2" NPT)
1" Hg	30" Hg	9WPSV01N4	9WPSV01N2
2 (0.1)	15 (1)	9WPSL02N4	9WPSL02N2
5 (0.3)	150 (10.3)	9WPSL03N4	9WPSL03N2
25 (1.7)	300 (20.6)	9WPSL04N4	9WPSL04N2
50 (3.4)	500 (34.5)	9WPSL05N4	9WPSL05N2



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100 (6.9)	750 (51.7)	9WPSH06N4	9WPSH06N2
150 (10.3)	1,000 (69)	9WPSH07N4	9WPSH07N2
400 (27.6)	3,000 (207)	9WPSH08N4	9WPSH08N2
700 (48.2)	5,000 (345)	9WPSH09N4	9WPSH09N2
1,000 (69)	7,500 (517)	9WPSH10N4	9WPSH10N2
150 (10.3)	3,000 (207)	9WPSH11N4	9WPSH11N2
5,000 (344.8)	10,000 (689.7)	9WPSH12N4	9WPSH12N2

Note:

Pressure Connection: 1/4" NPTF (1/2" NPTF optional)
 Electrical Connection: 1/2" NPTM, 18 AWG, 18" (300 mm) free leads

APPLICABLE REQUIREMENTS

C22.2 No. 0-10 (reaffirmed 2015))	General requirements – Canadian Electrical Code, Part II
C22.2 No. 30-M1986 (reaffirmed 2016)	Explosion-proof enclosures for use in class I hazardous locations
C22.2 No 25-17	Enclosures for Use in Class II Groups E, F and G Hazardous Locations
C22.2 No 14-18	Industrial Control Equipment
C22.2 No. 94.2-15	Enclosures for Electrical Equipment, Environmental Considerations
UL 1203 (Fifth Edition)	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
UL 508 (Eighteenth Edition)	Industrial Control Equipment
UL 50E (second edition)	Enclosures for Electrical Equipment, Environmental Considerations

MARKINGS

- cCSAus Monogram
- Company's name and/or Master Contract Number 211107;
- Model series "9WPSXXX";
- Serial number or Date code
- Electrical ratings & Frequency;
- Hazardous Location designation;
- Minimum & Maximum ambient; $-40^{\circ}\text{C} \leq T\text{-ambient} \leq +65^{\circ}\text{C}$

Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".



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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 without an indicator for Canada only (indicating that products have been manufactured to the requirements of Canadian Standards).



Supplement to Certificate of Compliance

Certificate: 70168918

Master Contract: 211107

*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
70168918	2019-05-22	Original certification of Explosion proof Pressure switch Series 9WPS-XXX for cCSAus Mark.



Certificate of Compliance

Certificate: 2764019

Master Contract: 261607

Project: 2764019

Date Issued: December 8, 2014

Issued to: Winters Instruments
121 Rainside Rd
Toronto, ON M3A 1B2
Canada

Attention: Mr. Daniel Bergeron

The products listed below are eligible to bear the CSA Mark shown



Kim Atkins

Issued by: K. Atkins

PRODUCTS

CLASS 3231 02 - SWITCHES - Automatic - Pressure Type

Piston operated switches - Model 2WPS-XXX general purpose enclosure or weatherproof, CSA Encl. Type 3R, followed by suffixes B, H, M, R or GH followed by 030V, 0015, 0090, 0250 or 0500, may be followed by A, F, N4, N2, F2, BR2 or BR4, and/or B, T, V, and/or FX, and/or S# (Factory Set).

Note: Suffix letters B, H, M, R or GH denote different switches with ratings as follows (reduced ratings may be used):

B	15A at 125,250 and 480V ac 2A at 600V ac 0.5A at 125V dc 0.25A at 250V dc
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H	15A at 125, 250 and 480V ac
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M(74)	15A at 125, 250 and 480V ac 0.5A at 125V dc 0.25A at 250V dc
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Certificate: 2764019

Master Contract: 261607

Project: 2764019

Date Issued: December 8, 2014

R (L17) 20A at 125, 250 and 480V ac
0.05A at 125V dc
0.03A at 250V dc

GH (L22) 1A at 125V ac

Diaphragm operated switches - Model No 4WPS1-XXX general purpose enclosure with terminal block followed by A, B, H, M, or GH followed by 03V, 18V, or 003, 018, 080, 150 and/or N4, N2, and/or FX, and/or S# (Factory Set). Note: Suffix letters A, B, H, M or GH denote different switches with ratings as follows (reduced ratings may be used):

A, H 10A at 125, 250V ac
3A at 300V ac

B 10A at 125, 250 and 300V ac
.5A at 125V dc
.25 at 250V dc

M 10A at 125, 250 and 300V ac
.5A at 125V dc
.25 at 250V dc

GH 1A at 125V ac

Piston operated switches - Model 3WPS-XXX (CSA Encls. 2, 3, 4 and 5) followed by Suffixes B, H, M or GH followed by 0030, 0085, 0340, 0600 or 1600, and/or SS, and/or N4, N2, and/or T, V and/or FX, and/or S# (Factory Set). Note: Suffix letters B, H, M or GH denote different switches with ratings as follows (reduced ratings may be used):

B 15A at 125, 250 and 480V ac
2A at 600V ac
.5A at 125V dc
.25A at 250V dc

H 15A at 125, 250 and 480V ac



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Date Issued: December 8, 2014

M 15A at 125, 250 and 480V ac
.5A at 125V dc
1A at 125V ac

GH 1A at 125V ac

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No.	94-M91	-	Special Purpose Enclosures
CAN/CSA-C22.2 No.	14-95	-	Industrial Control Equipment

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.

Company's name and/or trademark, type designation, electrical rating and the CSA Monogram appear on a nonmetallic adhesive type label attached to each device.



Supplement to Certificate of Compliance

Certificate: 2764019

Master Contract: 261607

*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		
2764019	December 8, 2014	Original Project No	Model No	Listee Model No
		22355-71	E1H-XXX-Q75	2WPS-XXX
		22355-2	D1T-XXX-Q75	4WPS1-XXX
		22.55-4	P1H-XXX-Q75	3WPS-XXX



Certificate of Compliance

Certificate: 80050073

Master Contract: 211107

Project: 80050073

Date Issued: 2020-08-07

Issued To: Winters Instruments
121 Railside Rd
Toronto, Ontario, M3A 1B2
Canada

Attention: David Reay

The products listed below are eligible to bear the CSA Mark shown

Issued by: *Zafar Iqbal*
Zafar Iqbal



PRODUCTS

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations

Class I, Div. 1, Groups A, B, C and D:

Model LIS Pressure Transmitter; input rated 14-28 Vdc max, 4-20mA; intrinsically safe with entity parameters of: $V_{max} = 28$ V, $I_{max} = 93$ mA, $P_{max} = 660$ mW, $C_i = 80$ nF, $L_i = 0$ uH; when installed per installation Dwg LIS-INSTALL; Temp Code T4, -25 Deg. C \leq Ambient \leq $+85$ Deg. C.

Note:

Transmitter case must be bonded to ground according to Section 18 of the CEC, Part 1.



Certificate: 80050073
Project: 80050073

Master Contract: 211107
Date Issued: 2020-08-07

APPLICABLE REQUIREMENTS

- | | | |
|--------------------------|---|---|
| CAN/CSA-C22.2 No. 0-M91 | - | General Requirements – Canadian Electrical Code, Part II |
| 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 |

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, without any adjacent indicators, indicating that products have been manufactured to the requirements of Canadian Standards.



Supplement to Certificate of Compliance

Certificate: 80050073

Master Contract: 211107

*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
80050073	2020-08-07	Evaluation for update to CSA report # 2080801 project 70050342 on intrinsically safe LIS Pressure Transmitter for drawing revisions. The drawings to be updated are listed in FIR dated June 29, 2020.
70050342	2017-02-03	Update report 2080801 and drawings to include minor changes.
2226380	2010-02-26	Project Closed Incomplete
2080801	2009-03-16	Model LIS Pressure Transmitter, Intrinsically Safe for Class I, Div. 1, Groups A, B, C and D hazardous locations.



Certificate of Compliance

Certificate: 2333885

Master Contract: 211107

Project: 80057777

Date Issued: 2020-10-13

Issued To: Winters Instruments
121 Rainside Rd
Toronto, Ontario, M3A 1B2
Canada

Attention: Marko Markovic

The products listed below are eligible to bear the CSA Mark shown

Issued by: Sam Zaffino
Sam Zaffino



PRODUCTS

CLASS - C225205 - PROCESS CONTROL EQUIPMENT

Pressure transmitter Models; LM6 Series; Type 6 enclosure, Rated Input: 12 to 36Vdc, 4-20mA, Pressure 0 to 300psi, ambient -10 to 70°C.

Pressure transmitter Models; LM7 Series; Type 6 enclosure, Rated Input: 12 to 36Vdc, 4-20mA, Pressure 0 to 300psi, ambient -10 to 70°C.

Pressure transmitter Models; LM3 Series; Type 6 enclosure, Rated Input: 12 to 36Vdc, 4-20mA, Pressure 0 to 300psi, ambient -10 to 70°C.

Pressure transmitter Models; LIM Series; Type 6 enclosure, Rated Input: 12 to 36Vdc (two wire version) or 14 to 36Vdc (three wire version), 4-20mA, Pressure 0 to 8700psi, ambient -25 to 85°C.

Pressure transmitter Models; LE3 Series, Type 6 enclosure, Rated Input: 8 to 32Vdc (two wire version) or 14 to 36Vdc (three wire version), 4-20mA, Pressure 0 to 5000psi, ambient -25 to 85°C.



Certificate: 2333885
Project: 80057777

Master Contract: 211107
Date Issued: 2020-10-13

Note: The units are rated SELV input, Pollution Degree 4 & Installation Category I

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 61010-1-04 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements



Supplement to Certificate of Compliance

Certificate: 2333885

Master Contract: 211107

*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
80057777	2020-10-13	FIR follow-up, update to Report 2333885 to address(FC# 241893) FIR dated September 10, 2020
0002333885	2010-10-07	Evaluation of model series; LE3, LIM, LM3, LM6 & LM7 to C22.2 No. 61010-1-04

Certificate of Compliance

Certificate: 80051606

Master Contract: 601880

Project: 80051606

Date Issued: 2020-08-24

Issued to: Winters Instruments
121 Railside Rd
Toronto, Ontario M3A 1B2
Canada

Attention: Peter Chronis

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: Morton Ma
Morton Ma

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations - Certified to US Standards

Class I, Division 1, Group A, B, C and D T6

Class II, Division 1 Group E, F and G T80°C

Class III

LY16 and LY 36 series pressure transmitter ,Operating voltage 10.5 to 55Vdc ,Output signal 4 to 20mA ,1 to 5Vdc, HART etc., $-40^{\circ}\text{C} \leq T_a \leq 60^{\circ}\text{C}$, Maximum process temperature 80°C , IP66.

Note: Refer to the complete model number designation for the HGPT series Pressure transmitter.

APPLICABLE REQUIREMENTS

CAN/CSA- C22.2 No. 61010-1-12

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements

CSA C22.2 No. 25-17

Enclosures for use in Class II, Division 1, Groups E, F, and G hazardous locations



Certificate: 80051606
Project: 80051606

Master Contract: 601880
Date Issued: 2020-08-24

CSA C22.2 No. 30-M1986 (Reaffirmed 2016)	Explosion-proof enclosures for use in class I hazardous locations
CSA C22.2 No. 213-17	Nonincendive electrical equipment for use in Class I and II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations
UL Std. No. 61010-1 (3rd Edition).	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements
FM 3600:2018	Approval Standard for Electrical Equipment for Use in Hazardous (Classified) Locations - General Requirements
FM 3611:2018	Approval Standard for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
FM 3615:2018	Approval Standard for Explosionproof Electrical Equipment General Requirements
FM 3616:2011	Approval Standard for Dust-Ignitionproof Electrical Equipment General Requirements

Conditions of Acceptability:

1. Temperature code depends on process temperature as follows:

T-code	Ambient Temperature	Process Temperature
Gas, Vapour & Mists		
T6	-40 to 60°C	-40 to 80°C
Dusts, Fibres & Flying		
T80°C	-40 to 60°C	-40 to 80°C

2. The branch pointing and entry point temperature may exceed 60°C when the process temperature is more than 80°C. If this occurs, the end user shall select the suitable certified cable, conduit fittings and stopping plug for final installation. Use conductors rated at least 5°C above the maximum operating ambient.
3. Wiring to or from this equipment, which enters or leaves the explosion-proof enclosure, must utilize wiring methods suitable for Class I, Division 1 Hazardous Locations in accordance to the Canadian Electrical Code or National Electrical Code.
4. This equipment may only be powered by a power supply unit with a limited energy electric circuit in accordance with CAN/CSA C22.2 No. 61010-1-12 and ANSI/UL 61010-1, or Class 2 as defined in the Canadian Electrical Code C22.1, Section 16-200 and/or National Electrical Code (NFPA 70), article 725.121.

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.



Certificate: 80051606
Project: 80051606

Master Contract: 601880
Date Issued: 2020-08-24

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.

All marking required by CSA must be permanent and, legible and visible. The contents consist of:

- Company name or trade mark or CSA master contract number (601880)
- Model number: As specified in the PRODUCTS section, above.
- Date code or Serial number: As specified in the PRODUCTS section, above.
- Hazardous Locations Designation: As specified in the PRODUCTS section, above.
- Temperature code rating: T6 and T80°C
- Ambient temperature range: -40°C - +60°C
- Complete electrical rating: As specified in the PRODUCTS section, above.
- Maximum Working Pressure (MWP)
- Warning:
 - WARNING – DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT.
 - AVERTISSEMENT - NE PAS OUVRIR EN PRÉSENCE D'UNE ATMOSPHÈRE EXPLOSIVE.
 - WARNING - A SEAL SHALL BE INSTALLED WITHIN 50 mm OF THE ENCLOSURE.
 - AVERTISSEMENT - ÉTANCHÉITÉTRE INSTALLÉE DANS UNE PLAGE DE 50 mm DU BOÎTIER
 - CAUTION – THE CABLE AND CABLE BRANCH TEMPERATURE IS IN USER MANUAL.
 - AVERTISSEMENT - LA TEMPÉRATURE DE LA BRANCHE DE CÂBLE ET DE CÂBLE EST DANS LE MANUEL D'UTILISATION.

Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".



Supplement to Certificate of Compliance

Certificate: 80051606

Master Contract: 601880

*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		
80051606	2020-08-24	Winters Instruments		
		Original Report	Submitter's Model No.	Listee's Model No.
		80020805	DMP305X-T	LY16
			DMP305X-D	LY36