Safety Instructions
VEGACAL 62, 63, 64, 65, 66

Non incendive

2582402

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Certificate of Compliance

Certificate:	2582402	**Master Contract:**	153857
Project:	70215800	**Date Issued:**	2019-07-29

Issued To: **Vega Grieshaber KG**
Am Hohenstein 113
Schiltach, Baden-Württemberg, 77761
Germany

Attention: Sebastian Schaller

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: Bhas Nanavati
Bhas Nanavati

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 Div 1, Groups A, B, C and D; Class II Div 1, Groups E, F and G; Class III; T6…T1*;
Encl. Type 4X/6P
Ex d ia IIC T6…T1* Ga/Gb, Gb
Class I, Zone 0/1, 1, AEx d ia IIC T6…T1* Ga/Gb, Gb

T6…T1* = Refer to following temperature table:

Temperature Class	Ambient temperature range Zone 1	Medium temperature range Zone 0
T6	-40°C ... +46°C (electronic H/X) -40°C … +38°C (electronic P/F)	-20°C ... +60 °C

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T5	-40°C ... +60°C (electronic H/X) -40°C … +53°C (electronic P/F)	-20°C ... +60 °C
T4, T3, T2, T1	-40°C ... +60 °C	-20°C ... +60 °C

The electrodes of the capacitive measuring probes are allowed to be operated in an explosion hazardous area of the zone 0, only if atmospheric conditions exist (pressure from 0.8 bar to 1.1 bar).

Temperature Class	**Ambient temperature range Zone 1**	**Medium temperature range for electrodes with PE-insulation Zone 1**	**Medium temperature range for other electrodes Zone 1**
T6	- 40°C ... +46°C (electronic H/X) -40°C … +38°C (electronic P/F)	- 40°C ... + 80 °C	-50°C ... +85°C
T5	-40°C ... +60°C (electronic H/X) -40°C … +53°C (electronic P/F)	- 40°C ... + 80 °C	-50°C ... + 100°C
T4	- 40°C ... + 60°C	- 40°C ... + 80°C	-50°C ... +135 °C
T3*, T2*, T1 *	- 40°C ... + 60°C	- 40°C ... + 80°C	-50°C ... +150 °C

*with temperature adapter for medium temperatures> 150°C … 200°C

If no explosion hazardous atmospheres exist, the permissible operating temperatures and pressures have to be taken from the manufacturer's data (manual).
If the sensors of the capacitive measuring probes are operated at higher medium temperatures as listed in the a.m. table, measures have to be taken, that the danger of ignition caused by these hot surfaces is excluded.

Capacitive Probes for Level Detection, Models VEGACAL 60 series (62, 63, 64, 65 ,66), Supply Voltage 4-20mA/HART, FIELDBUS, PROFIBUS; IP66/67. Dual Seal (Housing options D + W)

VEGACAL CL62-66.KGbcH:
U = 20…36 Vdc
Um = 253 Vac
PLICSCOM circuit (terminals 5…8): For connection of VEGADIS61/81 Intrinsic Safety Ex ia IIC/IS
Co = 2.4 uF
Lo = 160 uH

VEGACAL CL62-66.KGbcP/F:
U = 16…32 Vdc
Um = 253 Vac
PLICSCOM circuit (terminals 5…8): for connection of VEGADIS 61/81 Intrinsic Safety Ex ia IIC/IS
Co = 2.4 uF
Lo = 160 uH

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All intrinsically safe circuits of VEGACAL CL62-66.KG are galvanically connected with earth potential.

VEGACAL 62 CL62.KGabcdefg.

a = Version/Process temperature: A, B, C, D, I, J, K Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type
NPT, LA, G, DN or ASME industry type flange with pressure ratings
c = Electronics: H, X, P, F
d = Housing/Protection: D, W
e = Cable entry/Cable gland/Plug connection: M, N
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F
g = Additional equipment: X

VEGACAL 63 CL63.KGabcdefg.

a = Version/Process temperature: A, B, C, D, E, F, G, H, I, J Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type
NPT, LA, G, DN or ASME industry type flange with pressure ratings
c = Electronics: H, X, P, F
d = Housing/Protection: D, W
e = Cable entry/Cable gland/Plug connection: M, N
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F
g = Additional equipment: X

VEGACAL 64 CL64.KGabcdefg.

a = Version/Process temperature: R Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type
NPT, LA, G, DN or ASME industry type flange with pressure ratings
c = Electronics: H, X, P, F
d = Housing/Protection: D, W
e = Cable entry/Cable gland/Plug connection: M, N
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F
g = Additional equipment: X

VEGACAL 65 CL65.KGabcdefg.

a = Version/Process temperature: K, S, T, U, 1, L, V, 2, Y, Q, O, 5, 6, 7, 8 Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type
NPT, LA, G, DN or ASME industry type flange with pressure ratings

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c = Electronics: H, X, P, F
d = Housing/Protection: D, W
e = Cable entry/Cable gland/Plug connection: M, N
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F
g = Additional equipment: X

VEGACAL 66 CL66.KGabcdefg.

a = Version/Process temperature: N, 3 Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type
NPT, LA, G, DN or ASME industry type flange with pressure ratings
c = Electronics: H, X, P, F
d = Housing/Protection: D, W
e = Cable entry/Cable gland/Plug connection: M, N
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F
g = Additional equipment: X

Class I Div 2, Groups A, B, C and D; Class II Div 2, Groups E, F and G; Class III T6…T1*;
Encl Type 4X/6P
Ex nA IIC T6…T1* Gc
Class I, Zone 2, AEx nA IIC T6…T1* Gc

T6…T1* = Refer to following temperature table:

Temperature Class	**Ambient temperature range Zone 2**	**Medium temperature range for electrodes with PE-insulation Zone 2**	**Medium temperature range for other electrodes Zone 2**
T6	- 40°C ... +46°C (electronic H/X) -40°C … +38°C (electronic P/F)	- 40°C ... + 80 °C	-50°C ... +85°C
T5	-40°C ... +61°C (electronic H/X) -40°C … +53°C (electronic P/F)	- 40°C ... + 80 °C	-50°C ... + 100°C
T4	- 40°C ... + 80°C	- 40°C ... + 80°C	-50°C ... +135 °C
T3*, T2*, T1 *	- 40°C ... + 80°C	- 40°C ... + 80°C	-50°C ... +150 °C

*with temperature adapter for medium temperatures> 150°C … 200°C

If no explosion hazardous atmospheres exist, the permissible operating temperatures and pressures have to be taken from the manufacturer's data (manual).
If the sensors of the capacitive measuring probes are operated at higher medium temperatures as listed in the a.m. table, measures have to be taken, that the danger of ignition caused by these hot surfaces is excluded.

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Capacitive Probes for Level Detection, Models VEGACAL 60 series (62, 63, 64, 65 ,66), Supply Voltage 4-20mA/HART, 12-30 V dc**;** FIELDBUS, PROFIBUS; IP66/67. Dual Seal (Housing options D + W)

VEGACAL 62 CL62.KXabcdefg.

a = Version/Process temperature: A, B, C, D, I, J, K Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type
NPT, LA, G, DN or ASME industry type flange with pressure ratings
c = Electronics: H, X, P, F
d = Housing/Protection: A, D, V, 8, W
e = Cable entry/Cable gland/Plug connection: M, N
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F
g = Additional equipment: X

VEGACAL 63 CL63.KXabcdefg.

a = Version/Process temperature: A, B, C, D, E, F, G, H, I, J Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type
NPT, LA, G, DN or ASME industry type flange with pressure ratings
c = Electronics: H, X, P, F
d = Housing/Protection: A, D, V, 8, W
e = Cable entry/Cable gland/Plug connection: M, N
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F

VEGACAL 64 CL64.KXabcdefg.

a = Version/Process temperature: R Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type
NPT, LA, G, DN or ASME industry type flange with pressure ratings
c = Electronics: H, X, P, F
d = Housing/Protection: A, D, V, 8, W
e = Cable entry/Cable gland/Plug connection: M, N
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F
g = Additional equipment: X

VEGACAL 65 CL65.KXabcdefg.

a = Version/Process temperature: K, S, T, U, 1, L, V, 2, Y, Q, O, 5, 6, 7, 8 Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type

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NPT, LA, G, DN or ASME industry type flange with pressure ratings
c = Electronics: H, X, P, F
d = Housing/Protection: A, D, V, 8, W
e = Cable entry/Cable gland/Plug connection: M, N
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F
g = Additional equipment: X

VEGACAL 66 CL66.KXabcdefg.

a = Version/Process temperature: N, 3 Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type
NPT, LA, G, DN or ASME industry type flange with pressure ratings
c = Electronics: H, X, P, F
d = Housing/Protection: A, D, V, 8, W
e = Cable entry/Cable gland/Plug connection: M, N
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F
g = Additional equipment: X

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 US Standards

Class I Div 1, Groups A, B, C and D; Class II Div 1, Groups E, F and G; Class III; T6…T1*;
Encl. Type 4X/6P
Ex ia IIC T6…T1* Ga
Class I, Zone 0, AEx ia IIC T6…T1* Ga

T6…T1* = Refer to following temperature table:

Temperature Class	Ambient temperature range Zone 0	Medium temperature range Zone 0
T6, T5, T4, T3, T2, T1	-20°C ... +46 °C (electronic H/X) -20°C … +38°C (electronic P/F)	-20°C ... +46°C (electronic H/X) -20°C … +38°C (electronic P/F)

Temperature Class	Ambient temperature range Zone 1	Medium temperature range Zone 0
T6	-40°C ... +46°C (electronic H/X) -40°C … +38°C (electronic P/F)	-20°C ... +60 °C
T5	-40°C ... +61°C (electronic H/X) -40°C … +53°C (electronic P/F)	-20°C ... +60 °C
T4, T3, T2, T1	-40°C ... +80 °C	-20°C ... +60 °C

The electrodes of the capacitive measuring probes are allowed to be operated in an explosion hazardous area of the zone 0, only if atmospheric conditions exist (pressure from 0.8 bar to 1.1 bar).

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Temperature Class	Ambient temperature range Zone 1	Medium temperature range for electrodes with PE-insulation Zone 1	Medium temperature range for other electrodes Zone 1
T6	- 40°C ... +46°C (electronic H/X) -40°C … +38°C (electronic P/F)	- 40°C ... + 80 °C	-50°C ... +85°C
T5	-40°C ... +61°C (electronic H/X) -40°C … +53°C (electronic P/F)	- 40°C ... + 80 °C	-50°C ... + 100°C
T4	- 40°C ... + 80°C	- 40°C ... + 80°C	-50°C ... +135 °C
T3*, T2*, T1 *	- 40°C ... + 80°C	- 40°C ... + 80°C	-50°C ... +150 °C

*with temperature adapter for medium temperatures > 150°C … 200°C
If no explosion hazardous atmospheres exist, the permissible operating temperatures and pressures have to be taken from the manufacturer's data (manual).
If the sensors of the capacitive measuring probes are operated at higher medium temperatures as listed in the a.m. table, measures have to be taken, that the danger of ignition caused by these hot surfaces is excluded.

Capacitive Probes for Level Detection, Models VEGACAL 60 series (62, 63, 64, 65 ,66), Supply Voltage 4-20mA/HART, 12-30 V dc**;** IP66/67. Dual Seal (Housing options D + W)

Installed per Drawing GE3094 and Providing Entity/Fisco/Fieldbus/Profibus parameters:
VEGACAL CL62-66.KFbcH
Vmax = 30 Vdc
Imax = 131 mA
Pi = 983 mW
Ci = 0 nF
Li = 0 mH
Version with fixed cable : L = 0.62 uH/m, $Ci_{wire/wire}$ = 150 pF/m, $Ci_{wire/screen}$ = 270 pF/m

VEGACAL CL62-66.KFbcX
Vmax = 30 Vdc
Imax = 131 mA
Pi = 983 mW
Ci = 3 nF
Li = 0mH

VEGACAL CL62-66.KFbcP/F
Input parameters:
Ui = 17.5 Vdc
Ii = 500 mA
Pi = 5.5 W

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Or

Ui = 24 Vdc
Ii = 250 mA
Pi = 1.2 W
Ci = 0 nF
Li = 5 uH

Operation and indication circuit in type of protection Intrinsic Safety Ex ia IIC only for connection to the intrinsically safe circuit of the belonging external VEGA indication unit type VEGADIS 61/81. The interconnection of both the intrinsically safe circuits was taken into account.
Maximum values of the connection cable:
Co = 2.4 uF
Lo = 160 uH

Communication circuit in type of protection Intrinsic Safety Ex ia IIC only for connection to the intrinsically safe signal circuit of the VEGA interface converter type VEGACONNECT.

If,

- The VEGA interface converter type VEGACONNECT and
- The external VEGA indication unit type VEGADIS 61/81

are connected, the following maximum values of the connection cable to the VEGADIS 61/81 do result:
Co = 2.8 uF
Lo = 100 uH

VEGACAL 62 CL62.KFabcdefg.

a = Version/Process temperature: A, B, C, D, I, J, K Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type
NPT, LA, G, DN or ASME industry type flange with pressure ratings
c = Electronics: H, X, P, F
d = Housing/Protection: A, D, V, 8, W
e = Cable entry/Cable gland/Plug connection: M, N
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F
g = Additional equipment: X

VEGACAL 63 CL63.KFabcdefg.

a = Version/Process temperature: A, B, C, D, E, F, G, H, I, J Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type
NPT, LA, G, DN or ASME industry type flange with pressure ratings
c = Electronics: H, X, P, F
d = Housing/Protection: A, D, V, 8, W

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e = Cable entry/Cable gland/Plug connection: M, N
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F
g = Additional equipment: X

VEGACAL 64 CL64.KFabcdefg.

a = Version/Process temperature: R Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type
NPT, LA, G, DN or ASME industry type flange with pressure ratings
c = Electronics: H, X, P, F
d = Housing/Protection: A, D, V, 8, W
e = Cable entry/Cable gland/Plug connection: M, N,
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F
g = Additional equipment: X

VEGACAL 65 CL65.KFabcdefg.

a = Version/Process temperature: K, S, T, U, 1, L, V, 2, Y, Q, O, 5, 6, 7, 8 Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type
NPT, LA, G, DN or ASME industry type flange with pressure ratings
c = Electronics: H, X, P, F
d = Housing/Protection: A, D, V, 8, W
e = Cable entry/Cable gland/Plug connection: M, N
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F
g = Additional equipment: X

VEGACAL 66 CL66.KFabcdefg.

a = Version/Process temperature: N, 3 Maximum Allowed Process Temperature 60°C
b = Process fitting/Material: Two digit alphanumeric variable for connections which represents a Tri Clamp, Swiveling Type
NPT, LA, G, DN or ASME industry type flange with pressure ratings
c = Electronics: H, X, P, F
d = Housing/Protection: A, D, V, 8, W
e = Cable entry/Cable gland/Plug connection: M, N
f = Indicating/adjustment module (PLICSCOM): X, A, B, K, L, F
g = Additional equipment: X

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APPLICABLE REQUIREMENTS

CSA Std. C22.2 No 0-10	-	General Requirements - Canadian Electrical Code, Part II
CAN/CSA-C22.2 No. 61010-1-04	-	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
CSA Std. C22.2 No 94-M91(R 2006)	-	Special Purpose Enclosures
CSA Std. C22.2 No. 25-1966 (R2009)	-	Enclosures for Use in Class II Groups E, F and G Hazardous Locations
CSA Std. C22.2 No. 30 M1986 (R 2003)	-	Explosion-Proof Enclosures for Use in Class Hazardous Locations
CSA Std. C22.2 No 157-92 (R 2006)	-	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
CSA Std C22.2 No. 213-M1987 (R 2004)	-	Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
CSA Std. C22.2 No 60079-0:11	-	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
CSA Std. C22.2 No 60079-1:11	-	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof Enclosure “d”
CSA Std. CAN/CSA 60079-11:11	-	Electrical apparatus for explosive gas atmospheres - Part 11: Intrinsic safety "i"
CSA Std. CAN/CSA 60079-15:12	-	Electrical Apparatus for Explosive Gas Atmospheres--Part 15: Type of Protection "n"
UL Std No. 50 (Edition 10)	-	Enclosures for Electrical Equipment
FM Class 3600 (2011)	-	Approval Standard for Electrical Equipment for Use in Hazardous (Classified) Locations - General Requirements
FM Class 3610 (2010)	-	Approval Standard for Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division 1, Hazardous (Classified) Locations
FM Class 3611 (2004)	-	Approval Standard for Non-Incendive Electrical Equipment for Use in Class I and II, Division 2, and Class III, Divisions 1 and 2, Hazardous (Classified) Locations.
FM Class 3615 (2006)	-	Approval Standard for Explosion proof Electrical Equipment - General Requirements
FM Class 3616 (2011)	-	Approval Standard for Dust-Ignition proof Electrical Equipment General Requirements
FM Class 3810 (2005)	-	Approval Standard for Electrical for Measurement, Control and Laboratory Use
ANSI/IEC 60529 Ed. 4.0) – 2004	-	Degrees of protection provided by enclosures (IP Code)
ANSI/ISA-60079-0 (12.00.01) – 2009	-	Explosive Atmospheres - Part 0: Equipment-General Requirements
ANSI/ISA-60079-15 (12.12.02) – 2009	-	Electrical Apparatus for Use in Class I, Zone 2 Hazardous (Classified) Locations: Type of Protection "n"

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ANSI/ISA-60079-1 (12.22.01) – 2009	-	Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures "d"
ANSI/ISA-60079-11 (12.02.01) – 2009	-	Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety "i"
ANSI/ISA-60079-27 (12.02.04) – 2006	-	Fieldbus Intrinsically Safe Concept (FISCO) and Fieldbus Non-Incendive Concept (FNICO)
ANSI/ISA-61010-1 (82.02.01) – 2004	-	Safety Requirements for Electrical Equipment for Measurement,Control, and Laboratory Use - Part 1: General Requirements
ANSI/NEMA- 250 – 2003	-	Enclosures for Electrical Equipment
ANSI/ISA-12.27.01: 2003	-	Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids

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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.

The permanent marking according to IEC 60079-0 is achieved by laser printing, engraving or cauterization or a self-adhesing label with laser imprint on the housing of the apparatus.

In addition, it shall be the responsibility of the manufacturer to provide additional markings on the product to comply with the requirements of the local regulatory authorities. For example, in Canada, any caution and warning markings must be provided in French and English.

(1) Submittor's name, trademark, or the CSA file number (adjacent the CSA Mark).
(2) Catalogue / Model designation.
(3) Complete electrical rating (amps, hertz, and volts).
(4) Date code / Serial number traceable to month and year of manufacture.
(5) Hazardous Location designations.
(6) Optional markings: Class I, Zone 0/1, IIC, T6-1 (as applicable)
(7) The symbol "A/Ex ia" (as applicable)
(8) The words "INTRINSICALLY SAFE" (as applicable)
(9) Install as per Installation Control Drawings (as applicable)
(10) Temperature code with derating for process temperature (may appear in Instruction Manual or in Safety Manual provided with the Instruction Manual.
(11) Maximum ambient 60°C
(12) Maximum Working Pressure 64 Bar (928 PSIg)
(13) The CSA Mark wit “C” and “US” indicators
(14) CSA Certificate Number 2013-2582402X
(15) The following cautions:
WARNING - DO NOT OPEN WHEN AN EXPLOSIVE GAS ATMOSPHERE IS PRESENT
WARNING – EXPLOSION HAZARD – SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR INTRINSIC SAFETY

Supplement to Certificate of Compliance

Certificate: 2582402 **Master Contract:** 153857

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
70215800	2019-07-29	Update of CSA Certificate and Descriptive Report 2582402 for HAZLOC certification of VEGACAL6x for North America. Addition of PLICSCOM3 assessed under Custom Testing Service Test Report No. 153857-70160903 to the CSA Test Report 2582402. Thermal data adjustments to accommodate PLICSCOM3 temperature rise. Correction of electrical data in reference to assessment conducted in IECEx TUN 05.0018X and IECEx TUN 05.008X Test Reports. Deletion of plastic housing from the model code.
70005819	2014-09-25	Update to report 2582402 for VEGACAL 60 series to include label drawing changes
2582402	2013-06-15	CSA c-us certification of VEGACAL 60 series capacitive probes for hazardous locations.

Printing date:

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